

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	10/15/2019 4:21:12 PM - 06:00	g. The Developer shall assure, certify and provide documented evidence that the Work meets the requirements of the Project Agreement		IQC checklists were not found for the pipe lining crew working on the 48" pipe from the manhole at the bend in the corner of Airlawn to the east of Oneida. ***The department has elected to issue this as an audit comment instead of an NC with the expectation that a response will be received by 5/31/19.***	ncr written	6/3/2021 12:51:55 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/30/2018 10:21:43 AM - 06:00	a. The Developer shall perform and document all required construction PC and IQC activities necessary to control the Work		An IQC checklist for barrier has not been officially submitted or completed in Kietrac.	NCR 382 created	4/29/2019 4:30:47 PM -06:00	NC-2	Please see NCR-382	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/10/2018 1:13:49 PM - 06:00	d. The daily inspection reports shall identify inspections conducted, dates of inspections, results of inspections, locations and nature of defects found, causes for rejection, and remedial or corrective actions taken or proposed		PC & IQC inspection checklists should be addressed to include the maximum spacing allowed for reflector installation on temporary concrete barrier. (Reference Standard S-612-1)	Barrier & Reflector Section included on checklists for inspection and conformance to Specifications & Standards.	4/28/2019 9:41:31 AM -06:00	Audit Comment	The MOT checklist PC and IQC includes a barrier and reflector check.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/1/2019 3:14:37 PM - 07:00	The Developer shall document the identification of Nonconforming Work by completing and submitting a NCR to the Department as soon as reasonably practicable, and in any event within 24 hours, after the Developer first becomes aware of the Nonconforming Work		During the bi-weekly quality drive on 1/23/19 it was noted that many signs were taken down between on I-70 EB/WB between Havana and Peoria. An NCR was not written by IQC within 24hrs of becoming aware of the issue.	665 created	2/25/2019 10:07:26 AM -07:00	NC-2	NCR 665 Created	Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Document Control, storage, and retrieval methods shall include the use of both hard copies and electronic records		Electronic quality records of MOT sign installation reports from IQC/PC in regards to advanced warning signage along WB mainline does not appear to have been completed. Documentation of inspection/reporting should be maintained to allow for ease of retrieval.	Checklists have been updated regarding daily MOT and MHT Inspections	4/29/2019 8:43:09 AM -06:00	Audit Comment	IQC has included signs in its MOT checklists.	Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping	11/2/2018 7:53:08 AM - 06:00	(ii) be accompanied by such supplemental reference information and materials as are reasonably requested by the Department or the Enterprises in advance.		The transmittal for the material was not properly reviewed for the MRR (Material Receiving Review) and the wrong material was installed in the field.	NCR 405 was created	12/4/2018 11:55:43 AM -07:00	Audit Comment	The material submittal referenced the material installed. The material receiving report was done for the lot of material. The MRR was performed on the entire delivery as the process is intended. The wrong material was installed for the wrong intended use and will be addressed in NCR 0405.	Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	(c) respond to all comments and responses from the Department or the Enterprises on or to any Reviewable Deliverable, including by making modifications to such Reviewable Deliverable as necessary to fully reflect and resolve all such comments and responses; and		Several steel plates were paved over using a detail which the department responded with comments. See audit DVR_Temporary Construction Road Plate_000_DMerenich_60.	Ncr 0985	8/12/2019 11:53:47 AM -06:00	NC-2	NCR 0985 was generated to track the items associated with this assessment	Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall be responsible for the surveying Activities necessary to support the Construction Work, including ongoing operations and maintenance.		Temporary poles and pull boxes in area installed from survey stakes. Sturgeon survey crew present on site to verify location and gather data for as-built purposes.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All Construction Work required to be performed by the Developer pursuant to this Section shall comply with the Construction Standards, the relevant requirements listed in this Section, and Law related to surveys.		In conformance with Schedule 10, section 5 of Execution version of Central 70 Project: Project Agreement.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.1 The Developer shall be responsible for all clearing and grubbing and earthwork requirements for the Construction Work.		Clearing and grubbing, to include grading & earthwork, was performed by the Developer.	Conformance	3/18/2019 7:34:40 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.1 The Developer shall be responsible for all clearing and grubbing and earthwork requirements for the Construction Work.		Crews properly cleared and grubbed the NW and SW Quadrants of Colorado Blvd, and continue to comply with additional earthwork requirements moving forward.	Conformance	4/15/2019 10:37:04 AM -06:00	C		Closed

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Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.2 The Developer shall be responsible for clearing and grubbing including, without limitation, the removal of trees, logs, stumps, brush, trash, etc. from the Site prior to the start of any Construction Work and shall comply with any additional requirements for the affected area in accordance with Schedule 17 Environmental Requirements.		Removal of trees, logs, stumps, brush, trash, etc. was all completed prior to construction operations. Additional environmental requirements, including BMP installation, occurred prior to construction as noted in 208 Specifications.	Conformance	4/15/2019 10:37:04 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.2 The Developer shall be responsible for clearing and grubbing including, without limitation, the removal of trees, logs, stumps, brush, trash, etc. from the Site prior to the start of any Construction Work and shall comply with any additional requirements for the affected area in accordance with Schedule 17 Environmental Requirements.		Developer performed clearing and grubbing operations prior to additional construction work beginning. Environmental requirements were put in place prior to clearing and grubbing operations.	Conformance	3/18/2019 7:34:40 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.3 The Developer shall conduct a pre-clear and grub meeting with the Department prior to the start of any Construction Work to agree to the limits of clearing and grubbing, removal, replacement, or transplanting of any trees and shrubs.		Clear and grubbing pre-activity meeting was performed to discuss the limits of the activity, to include the removal of any trees and shrubs.	Conformance	3/18/2019 7:34:40 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.3 The Developer shall conduct a pre-clear and grub meeting with the Department prior to the start of any Construction Work to agree to the limits of clearing and grubbing, removal, replacement, or transplanting of any trees and shrubs.		Clearing & Grubbing Pre-Activity meeting occurred prior to the first clear and grub operation after NTP2 was issued.	Conformance	4/15/2019 10:37:04 AM -06:00	C		Closed

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Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		7.2.4 The Developer shall include clearing and grubbing limits as part of each design submittal for all Construction Work in that area.		Clear and grub limits, as well as cut/ fill locations for embankment, are noted for construction work in area.	Conformance	4/15/2019 10:37:04 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		be responsible for all other Elements of the UPRR Crossing, including but not limited to construction of I-70 Mainline and appurtenances, bridge construction, shoring, grading, drainage, lighting, all trackwork and ballast placement for track outside the 13 foot clear point as defined in the 100% IFC (*CO-091) UPRR Trackwork Plans, and all related Utility Work within and outside the UPRR ROW, and any additional work specified in Section 10.4.9 as the Developer's responsibility.		Developer responsible for construction of shoring, including placement and grading of subballast (Class 5) for SY-112.	Conformance	5/23/2019 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		a. The UPRR mainlines, yard track, lead track and Railroad signalization shall be reconstructed in accordance with the 100% IFC (*CO-091) UPRR Trackwork Plans and construction phasing design. Track shooflies and other temporary track, as set forth in the 100% IFC (*CO-091) UPRR Trackwork Plans and Specifications, shall be constructed to move rail traffic away from new bridge construction while maintaining connectivity and operations of all mainline and yard tracks;		West Shoofly, SY-418, following the approved plans, and designed and constructed in a manner to safely move rail traffic away from the new bridge construction location, while maintaining operations of mainline and yard tracks, as set forth in the PA.	Conformance	4/3/2019 3:15:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		b. The Developer shall provide the following Construction Work Elements in accordance with the requirements of the Project Agreement and the UPRR RRA: iii. Temporary and permanent ballast and trackwork outside the 13 foot clear point of existing track as identified in the 100% IFC (*CO-091) UPRR Trackwork Plans and Specifications;		Temporary placement of subballast for SY-112 to be followed by placement of temporary ballast placement.	Conformance	5/23/2019 8:50:43 AM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		b. The Developer shall provide the following Construction Work Elements in accordance with the requirements of the Project Agreement and the UPRR RRA: iii. Temporary and permanent ballast and trackwork outside the 13 foot clear point of existing track as identified in the 100% IFC (*CO-091) UPRR Trackwork Plans and Specifications;		Provided sub-ballast for temporary alignment of SY-418 trackwork outside the 13 foot clear point of existing track.	Conformance	4/16/2019 2:15:06 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		b. The Developer shall provide the following Construction Work Elements in accordance with the requirements of the Project Agreement and the UPRR RRA: vi. Grading, drainage and subballast for all temporary and permanent track;		Provided grading and placement of sub-ballast in two equal 6" lifts to reach top of sub-ballast elevation for temporary track to be installed after ballast placement. Operations to continue with placement of yard-ballast for placement of track.	Conformance	4/16/2019 2:15:06 PM -06:00	C		Closed

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Central 70	C 0704-241	UPRR	Railroads		b. The Developer shall provide the following Construction Work Elements in accordance with the requirements of the Project Agreement and the UPRR RRA: vi. Grading, drainage and subballast for all temporary and permanent track;		Grading and placement of subballast material for temporary shoofly (SY-112) began operations on 5/22/19, and was placed in conformance with the requirements set forth by the PA and UPRR RRA, as well as approved Ph 4. Shoring Package Plans. Subballast was placed in two lifts, 6" each, followed by moisture-density tests following each lift by PC and IQC. Placement operations began at the North end of SY-112 and will proceed South as additional shoring activities are completed.	Conformance	5/23/2019 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		a. All new and reconstructed track sections shall be designed and constructed with subgrade/subballast cross slopes in accordance with the requirements of the applicable Railroad and 100% approved design;		Placement of subgrade/ subballast for SY-112 placed in accordance and conforming with applicable railroad standards, and with the approved Ph 4. Shoring Design.	Conformance	5/23/2019 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		a. All new and reconstructed track sections shall be designed and constructed with subgrade/subballast cross slopes in accordance with the requirements of the applicable Railroad and 100% approved design;		Subgrade and sub-ballast cross slopes were constructed in accordance with the requirements of the railroad, and per the approved design plans.	Conformance	4/16/2019 2:15:06 PM -06:00	C		Closed

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Central 70	C 0704-241	Striping Removal	Signing & Striping	11/15/2018 9:28:10 AM - 07:00	<p>GENERAL REQUIREMENT - Pavement markings are:</p> <ul style="list-style-type: none"> • clean and visible during the day and at night • whole and complete and of the correct color, type, width and length • correctly placed to meet the MUTCD and CDOT M&S Standard Plans. <p>Non-applicable pavement markings are removed. / DEFECT REMEDY PERIOD Cat 1 Immediate Action - 24 hrs / DEFECT REMEDY PERIOD Cat 2 Permanent Repair - 1 mo.</p>		Removal process for eradication of striping appears to be damaging existing pavement. See attachment.	Eradication method has been discussed, and will continue to be monitored.	12/10/2018 10:56:47 AM -07:00	Audit Comment	In discussions with IQC and the Department the current methods are providing as minimal damage as possible while removing the entire stripe for the safety of the traveling public.	Closed

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Central 70	C 0704-241	Striping Removal	Signing & Striping	11/15/2018 9:28:10 AM - 07:00	<p>PERFORMANCE REQUIREMENTS MEASUREMENT CRITERIA - Compliance with regulations - Permanent: Using a calibrated retro-reflectometer, in conformance with ASTM E 1710 or AASHTO TP111 procedures, collect the following readings for each day striping work has been conducted or when reading collected: • within a mile test section, collect 10 readings for each longitudinal line stripe, at no less than 40 feet intervals • where striping is less than 500 feet in length, collect reading at 50 foot intervals • readings collected shall be averaged. Excess beads to be removed prior to reading. Presences: Existing/Temporary Reflectivity: Presence: Bridge decks longitudinal lines, words and symbols shall be measured by presence and reflectivity on pavement surface. Removal of non-applicable pavement markings or conflicting pavement markings. (*CO-014)</p>		<p>Failed to collect retro-reflectometer readings, in conformance with ASTM E 1710 or AASHTO TP111 procedures, for any day/night that striping operations has been conducted. Documentation of such testing is unable to be located.</p>		8/14/2019 7:07:32 AM -06:00	NC-2	<p>According to PA specification 2.12.3 paragraph B Retro reflectivity readings cannot be performed until 3 days after placement and must be performed within 14 days of placement. IQC is scheduling this to take place and is within conformance of PA language. UPDATE NCR 444 was written to track remediate this issue.</p>	Closed

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Central 70	C 0704-241	Striping Removal	Signing & Striping	11/15/2018 9:28:10 AM - 07:00	<p>PERFORMANCE REQUIREMENTS MEASUREMENT CRITERIA - Compliance with regulations - Permanent: Using a calibrated retro-reflectometer, in conformance with ASTM E 1710 or AASHTO TP111 procedures, collect the following readings for each day striping work has been conducted or when reading collected:</p> <ul style="list-style-type: none"> • within a mile test section, collect 10 readings for each longitudinal line stripe, at no less than 40 feet intervals • where striping is less than 500 feet in length, collect reading at 50 foot intervals • readings collected shall be averaged. Excess beads to be removed prior to reading. <p>Presences: Existing/Temporary Reflectivity: Presence: Bridge decks longitudinal lines, words and symbols shall be measured by presence and reflectivity on pavement surface. Removal of non-applicable pavement markings or conflicting pavement markings. (*CO-014)</p>		Failed to remove all non-applicable / conflicting pavement markings. See attachment.	Tracking & addressing issue with written NCR 0443, as provided in response.	11/29/2018 7:31:19 AM -07:00	NC-2	This issue is being addressed with NCR 0443 In Kietrac	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/30/2018 10:15:32 AM - 06:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		(1) Crews were observed performing a rolling closure not listed on the LCR which did not follow an MHT to move Cat 966M loader to Brighton on WB I-70. (2) Crews were observed performing a flagging operation at 47th/UPRR Crossing on York without the proper equipment or signage to run a Lull opposite traffic. This did not follow an MHT and was not on the LCR.	NCR generated	4/29/2019 2:19:02 PM -06:00	NC-2	Please see NCR-390	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		Closure followed the MHT (#111).	Conformance	11/1/2018 1:46:09 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		<ol style="list-style-type: none"> The second and third lane closure tapers appeared to be short on length instead of 660'. Part of the issue with this is that the vertical panels are being placed and the last few in closure end up being a tangent. The mid-lane devices which are required were missing from the closure required at a minimum of 750' in all night time closures. The shifting taper for the reverse curve was extremely short it should have been around 660' and the implemented version was only 140' in length. In the shifting taper they were missing the devices delineating the left edge of the closure. These are necessary to prevent vehicles from attempting to run 2 wide through the reverse curve or making it clear to any errant vehicle which entered the 3 	NCR 355 has been written and is progressing towards closure.	11/15/2018 2:14:15 PM -07:00	NC-2	NCR #355 has been opened.	Closed



closed lanes that they should not be in the closed lane.

4. The tangent length from the end of the third lane closure should have been $2L=1320'$. The implemented tangent was only 80'. Creating an unsafe condition where motorists could have been hit if a vehicle ran through the 3rd lane closure.

5. The opening to exit at Peoria was 280' wide while the TA shows that it should be 100ft and the gore created with cones was not a point. These issues could lead to driver confusion and result in them trying to drive 2 wide or thinking that the closure has ended. Also we do not have a MHT approved for an exit opening in a closure.

6. The tangent length between the sequential lane closures was short for the tangent between the 2nd to 3rd lane closure. (required to be $2L=1320'$)

7. The Merge signs for the 2nd and 3rd lane closure were not posted on both sides of the roadway only the left.

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							8. Merge sign was placed behind a barrier wall on a 1ft mount thus the sign was obstructed for drivers in lower vehicles.						
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		MHT 111 did not appear to have any issues.	Conformance	10/11/2018 3:42:18 PM -06:00	C			Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:05:53 PM - 06:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		Closure followed the MHT.	Conformance	10/11/2018 3:41:55 PM -06:00	C			Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		[2] - Crews & IQC were notified of an issue found on the drive through which were corrected. (Left Lane Closed sign blocked by a bush in the median.) IQC confirmed and noted on the daily that this was fixed.	CAR was created and closed	4/29/2019 2:20:25 PM -06:00	Audit Comment	Increased oversight and training by the MOT and IQC teams has been initiated as part of CAR-05. Improvements to the traffic conditions are continuing. KIC appreciates the oversight provided by the department		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/13/2018 4:25:47 PM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		Paving operation included dump trucks traveling through a live intersection without an MHT in place and without a UTC onsite.	NCR 513 was added.	1/24/2019 2:24:09 PM -07:00	NC-2	This issue was addressed in NCR 0513 in addition to the recent update to CAR 005.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:07:02 PM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		Crews responded quickly to any issue noted by the Department. Below are some items which crews addressed quickly throughout the closure. It was noticed that one message board changed message mid closure & was corrected immediately. A large volume of traffic was noticed self detouring & MOT crews installed additional signage in an attempt to encourage drivers to follow the posted route. It was noticed that the Colorado UTC was in the wrong location which was corrected after it was found.	Conformance	1/9/2019 9:28:09 AM -07:00	C		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:44:24 PM - 07:00	The Developer shall submit any MOT Variance request to the Department for Approval 30 Calendar Days prior to implementation		KMP proceeded to work on the York Street Closure MOT Variance 022.1. CDOT told KMP that this closure would not be allowed, due to the variance not addressing the additional nights (adding 2 additional nights due to a potential utility conflict/trench issues. It is understood that the conversation took place between CCD and KMP, however the contract is between CDOT and KMP, and future operations will not be allowed without the contract being properly followed	NCR 477 was created.	12/18/2018 3:26:42 PM -07:00	NC-2	NCR 0477 was opened	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/15/2018 9:26:19 AM - 07:00	The Developer shall submit any MOT Variance request to the Department for Approval 30 Calendar Days prior to implementation		MOT Variance Request #21 was made on 11/07/2018. The MOT variance was placed in the field on 11/14/2018 prior to approval by Local Agency and by the Department.	NCR 445 written.	12/3/2018 8:29:01 AM -07:00	NC-2	NCR-0445 was written.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/15/2018 9:26:19 AM - 07:00	Promptly after receipt of the relevant approval, the Developer shall submit a copy of any approved MOT Variance granted by a Local Agency to the Department for Information		CCD approval must be obtained prior to implementation of MOT variance. Approval was not received by 11/14/2018.	NCR 445 written.	12/3/2018 8:29:05 AM -07:00	Audit Comment	NCR-0445 was written.	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	The Developer shall coordinate with the Department, RTD, Local Agencies, and adjacent projects to coordinate construction traffic and detour impacts and minimize simultaneous lane Closures or impacts to adjacent or alternate routes.		The right lane closure on N. Stapleton needs to be coordinated with adjacent MOT contractors. Duplicate/overlapping signs were observed in the closure yesterday.	Closed	3/14/2019 1:47:05 PM -06:00	Audit Comment	TCS are empowered to remove redundancy in signage	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	The Developer shall coordinate with the Department, RTD, Local Agencies, and adjacent projects to coordinate construction traffic and detour impacts and minimize simultaneous lane Closures or impacts to adjacent or alternate routes.		No other lane closures in the area.	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		MHT's are approved and in use.	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		MHT's are approved and in use.	Conformance	8/16/2018 11:48:08 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		MHTs were utilized as planned.	Conformance	9/4/2018 4:16:30 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		KIC MHT #106 was in conformance with the standards and was submitted and accepted.	Conformance	10/5/2018 3:31:03 PM -06:00	C		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		As discuss with IQC the KIC MHT #112 was the only MHT referenced for the closure and the implemented closure included signage which was not shown on KIC MHT #112. This signage was from MUTCD TA-42 & TA-44. This additional signage not being shown on the MHT lead to crews installing the "right lane merge" sign too close to the "merge" sign for the Peoria EB on ramp when conditions had adequate room to increase spacing between signs (Photos attached.) IQC has issued NCR 0338 for this issue.	NCR 338 generated. The NCR referenced by IQC was a typo the correct number is 338.	4/29/2019 11:58:53 AM -06:00	Audit Comment	Please see NCR 388. The IQC approval of MHTs and the PC and IQC management and oversight of MHTs has changed and been improved since development of this assessment.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/24/2019 9:55:20 AM - 07:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		(1) The closure did not follow an MHT. A TMA was placed in the lane but did not have a taper. (2) Only one TMA was used to set up this closure and it was placed in the right lane immediately after the reverse curve on to the temporary pavement. As a result drivers were confronted by several significant changes in a short distance after coming over the rise in I-270 bridge over EB Central Park off ramp (reverse curve to the temp pavement & TMA closing lane right after reverse curve).	628 created	2/27/2019 1:26:05 PM -07:00	NC-2	NCR 628 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		Have discussed with IQC about submitting a revision to MHT #114 to account for a missing sign ("Thru Traffic Merge Left") as depicted in TA-25.	Audit comment addressed sufficiently. Revised MHT to be submitted.	9/28/2018 11:56:06 AM -06:00	Audit Comment	MHT 114 is planned to be revised.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		Currently no submitted and approved/ accepted MHT for short duration or mobile shoulder closure along mainline I-70. LCR references MHT #101, which was not being used at location of operation. See Attachment #2 for Item #6 below for location of operation in reference to the shoulder closure location on mainline.	MHT #102 was created and approved by the Department for mobile operations.	2/27/2019 7:14:15 AM -07:00	NC-2	KIC MHT #102 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		MHT being used is approved.	Conformance	9/4/2018 4:16:30 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		The MHT being used has been Approved.	Conformance	8/16/2018 11:48:08 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		MHT being uses has been Approved.	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The MHTs shall be submitted to the Department for Acceptance		An MHT was not submitted for the typical application of including an exit lane in a closure	NCR 355 has been written and is progressing towards closure.	11/15/2018 2:14:13 PM -07:00	NC-2	NCR #355 has been opened.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The MHTs shall be submitted to the Department for Acceptance		MHT was submitted & accepted on 9/13/18	Conformance	10/11/2018 3:42:18 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:05:53 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		MHT was accepted prior to use.	Conformance	10/11/2018 3:41:55 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		The MHTs shall be submitted to the Department for Acceptance		MHT was accepted prior to use.	Conformance	11/1/2018 1:46:09 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:33:49 PM - 07:00	The MHTs shall be submitted to the Department for Acceptance		Due to the traffic shift which occurred on Peoria on the night of 12/16/18 the MHT implemented in the field did not match the approved version of RMS MHT#114 listed on the LCR. IQC alerted KIC of this issue.	Closed	3/14/2019 3:57:36 PM -06:00	Audit Comment	MHTs after traffic switches will be reviewed to ensure they match the current installed configuration	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/22/2019 9:56:35 AM - 07:00	Clayton Street / Columbine Street and Fillmore Street		IQC failed to identify that the closure of both Clayton and Columbine at the same time is not allowed per the contract. As a result, the closure of both roads occurred and CCDs have been accrued.	621 created	4/29/2019 4:32:42 PM -06:00	NC-2	Please see NCR-621 NCR address the product issue (lane closure). Both operations and IQC missed the concurrent lane closure issue.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	Location - Havana Street Interchange / Ramp - All existing ramps / Allowed Closure - No full Closures allowed		East MOT Temporary Ramp Closure Request was approved with comments by the Department. Sheet EMT-1046D was utilized and followed, to include utilization of UTC & Message Boards.	Conformance	12/3/2018 2:00:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/24/2019 2:41:28 PM - 06:00	Beginning of Section (MP) - 274(I-25) / End of Section (MP) - 276.572(SH 2) / Direction - EB / Weekday - 8 PM to Midnight and Midnight to 5 AM / Weekend - 8 PM to Midnight and Midnight to 8 AM		A left lane closure on EB I-70 from Steele to Central Park was in place at 7:26pm which is outside of the allowable 8pm-5am time frame in the contract for EB west of Colorado. Based on the Planned Lane Closures report, a lane closure from Colorado east to Holly was scheduled to start at 7pm which would have been compliant if it didn't start West of Colorado. Please follow the "CCD" process for closure of this NCR.	947 created	4/29/2019 4:31:35 PM -06:00	NC-2	NCR 947 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	Exit # - 280 / Crossroad Name - Havana St / Direction - WB		LCR showed a 7pm start time.	NCR generated	12/19/2018 7:50:21 AM -07:00	NC-2	NCR 481 was opened.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	a. Any lane Closure that results in a breach of, or is not permitted by, any of Sections 2.11.5, 2.11.6, 2.11.7.a, 2.11.9, 2.11.10, 2.11.11 or 2.11.12 shall result in the accrual of Construction Closure Deductions in accordance with, and subject to the terms of, Schedule 6 Performance Mechanism.		MOT Variance 22.1 and LCR allowed for the York & 46th Street to be fully closed between the hours of 8:00 pm and 5:00 am. Closure was in place at 6:40 pm.	Issue being tracked by NCR 472.	12/17/2018 7:35:44 AM -07:00	NC-2	NCR 472 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/22/2019 9:56:35 AM - 07:00	a. Any lane Closure that results in a breach of, or is not permitted by, any of Sections 2.11.5, 2.11.6, 2.11.7.a, 2.11.9, 2.11.10, 2.11.11 or 2.11.12 shall result in the accrual of Construction Closure Deductions in accordance with, and subject to the terms of, Schedule 6 Performance Mechanism.		Concurrent Closures of Clayton and Columbine is in breach and CCDs will accrue. Both closures in place for approximately 3.5 hours	621 created	4/29/2019 4:32:35 PM -06:00	Audit Comment	Please see NCR-621 NCR address the product issue (lane closure). Both operations and IQC missed the concurrent lane closure issue.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/3/2019 5:02:18 PM - 07:00	b. Any Closure that results in a breach of, or is not permitted by any of Sections 2.5.3, 2.6, 2.7, or 2.9 shall result in the accrual of Construction Closure Deductions in accordance with, and subject to the terms of, Schedule 6 Performance Mechanism.		A roller was observed being loaded on to a lowboy in live lane of 46th St. just east of Jackson. This was performed without any traffic control. Attached is a photo of this issue. IQC was not aware of this issue.	NCR 583 is tracking the issue	3/11/2019 2:14:48 PM -06:00	NC-2	This issue is being resolved through NCR 0583	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		[2] EB Single Left: This closure was listed on the LCR although the LCR does have various overlapping closures in this area making it confusing on which closure was used.	Conformance	12/18/2018 2:21:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		[1] WB Single Right: This closure was listed on the LCR.	Conformance	12/18/2018 2:21:56 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		MHT#111 Right Lane Closure at Peoria: on LCR	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 8:44:58 AM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		WB I-270 Lt. Lane Closure From I-70 WB to Quebec performed on 10/23/18 was not listed on the LCR Rev. 2 (submitted 10/22/18) but was added to Rev. 3 (submitted 10/24/18)	Verified NCR 377 was opened	11/15/2018 9:33:18 AM -07:00	NC-2	NCR #377 was opened on 10/25/2018	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 8:44:58 AM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		EB I-270 Lt. Lane Closure:	Conformance	10/25/2018 5:31:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		MHT#132a Left Lane Closure on EB I-70 at Quebec: Listed on the LCR	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		MHT#112 Double Right Lane Closure 225 to Havana: On LCR	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		Closure was listed on the LCR, which was sent on time.	Conformance	11/1/2018 1:46:09 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		Closure was shown on the LCR.	Conformance	10/11/2018 3:42:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		The working limits shown on the LCR show Peoria off to Peoria On for the EB closure. The actual closure started between Havana and Central Park.	NCR 355 has been written and is progressing towards closure.	11/15/2018 2:14:09 PM -07:00	NC-2	NCR #355 has been opened.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:05:53 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		Closure was listed on the LCR although the LCR was sent at 10:56 AM and therefore was late.	The comment/evidence was addressed.	11/15/2018 7:06:53 AM -07:00	NC-2	NCR #356 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		<p>The limits of the closure on the LCR need to be more accurate.</p> <p>-MHT#111- WB I-70 from Peoria Off to Havana On Ramp the LCR showed a double left (10pm to 12pm) while the implemented version started as a single lane closure (7pm to 10pm).</p> <p>Updates to the LCR are being transmitted to the Department although to prevent future NCs the Department would like to see cancellations in the revisions and cancellations received 24hrs prior to the closure.</p>	Confirmed NCR 360 was generated and includes this issue.	3/11/2019 2:06:32 PM -06:00	Audit Comment	NCR 360	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		-MHT#103 for the York Detour Setup	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		MHT#111 EB matched the LCR	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:16:18 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		The limits shown on the LCR did not match the LCR the Closure was from Holly to the I-70 On Ramp. Please ensure future LCRs accurately reflect the work limits.	Agree	3/11/2019 2:07:17 PM -06:00	Audit Comment	Changes to LCR work limits are addressed at start of shift and will be noted in updated email to CDOT and CCD	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		The closure was on the LCR.	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		O&M (Jorgensen) did not have any closure listed for this date on the Lane Closure Report. This has been discussed and is to be listed on future LCR submittals.	Tracked through NCR 244.	2/27/2019 7:09:33 AM -07:00	Audit Comment	NCR 244 Created	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		The closure was listed on the LCR.	Conformance	8/16/2018 11:48:08 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		Information for scope of this lane closure was provided and submitted to the Department for approval per the PA requirements.	Conformance	9/6/2018 8:33:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	The Developer shall submit, for Information but without prejudice to any obligation of the Developer to obtain Approval or Acceptance from the Department of any specific Closure pursuant to any other terms of the Project Agreement, including this Section 2, lane Closures and Construction Work hours to the Department by Thursday 10:30 a.m. of the week in advance of implementation (for work Sunday through Saturday), unless required by construction emergencies or other reasonably unforeseen events. The Lane Closure Report, as provided in Appendix A to this Section 2, shall be used for the weekly submittal.		Lane closure report was submitted	Conformance	9/4/2018 4:16:30 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/15/2018 9:26:19 AM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		As agreed upon, additions to the LCR can not be made unless approved by the Department and Local Agency if their roadways are affected.. The LCR was revised to show the addition of MHT #197 without prior approval by the Department and CCD, even after discussion with the Department and stating that all necessary requirements have not been met. Lane Closure was witnessed in place at 10:30 am. As of this report, the lane closure was still in place after requests were made for it to be removed (11:23am).	NCR 445 written.	12/3/2018 8:29:08 AM -07:00	NC-2	NCR-0445 was written.	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		[1] The WB I-70 Single Right Lane Closure from Havana to Central Park (used in conjunction with WB Havana On-Ramp Closure) could not be found on the most recent revision of the LCR. Provide clarification on this item. A double right lane closure was reported to occur within the same limits, but was not observed to be in place during timeframe. Please provide clarification, and update to LCR.	Double Right Closure was cancelled this date.	3/6/2019 5:11:29 AM -07:00	Audit Comment	Double Right lane was cancelled	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		[1] WB I-70 Triple Lane/Triple Snake from Peoria to Central Park could not be found on the most recent revision of the LCR. Provide Clarification on this item.	NCR Created	3/14/2019 3:43:59 PM -06:00	Audit Comment	NCR 466 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		Closures listed on the LCR for 12/9/18 were cancelled but as of the morning on 12/11/18 the LCR has not been updated.	CAR was created and closed	4/29/2019 2:20:28 PM -06:00	Audit Comment	The LCR process was updated as part of CAR-05 and improvements have been noted in the currency of this report	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		[2] EB I-70 Double Lane Closure from Central Park Off Ramp to Peoria Bridge: The current copy of the LCR submitted to the Department shows this closure on Wednesday. But the change was communicated to the department verbally.	NCR Created	3/14/2019 3:45:24 PM -06:00	Audit Comment	NCR 466 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/24/2019 9:55:20 AM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		This closure was not on the LCR or was cancelled as a result IQC did not perform an inspection of it.	628 created	2/27/2019 1:25:58 PM -07:00	NC-2	NCR 628 Created	Closed
Central 70	C 0704-241	Lighting	Electrical		provide installation, maintenance, and removal of all temporary traffic control devices		Temporary signage, signals, signal poles, and pavement markings have been installed and will be monitored for any necessary maintenance throughout its temporary use.	Conformance	4/4/2019 7:28:13 AM -06:00	C		Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/1/2019 3:13:53 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		"Down arrows shall not be used unless they can be located over and pointed to the approximate center of each lane that can be used to reach the destination displayed on the sign." Plan sheet EMT-1824 shows removal and skid mount of the overhead "Exit Only" guide sign for Central WB Off Ramp. This sign has a down arrow which was pointing to the center of the lane prior to removal & skid mounting. The sign being skid mounted with an arrow point down into the work area is unclear and confusing. It also does not meet the criteria above from MUTCD. Attached is the MUTCD Criteria and the Plan Sheet referenced.	NCR 662 created to track this issue	4/11/2019 11:52:24 AM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		[1] WB I-70 Triple Lane/Triple Snake from Peoria to Central Park had the below issues. (a) The tangent length between the end of the taper for the second lane closure to the start of the 3rd taper was over 500 feet shorter than required on the plans.	NCR created	12/19/2018 7:53:07 AM -07:00	NC-2	NCR 466 was opened.	Closed



							(b) The entrance ramp from Peoria was only 240' prior to the start of the taper for the 3rd lane closure. Later in the night a rear end collision occurred at this location between entrance ramp traffic and mainline. (c) The closure was missing midlane devices and crews were aware that the closure was having issues with vehicles entering the closure to by pass backed up traffic. (d) Havana Exit ramp opening was missing the required cones on the right edge ---Snake Setup--- (e) The reverse curve was only half the required distance from the end of the 3rd lane closure taper. required distance 2L (f) The reverse curve was missing the cones along the right edge and as noted above the midlane devices were still missing (g) The large arrow signs shown on NwTA-1C were not installed at the reverse curve					
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.	[2] EB I-70 Double Lane Closure from Central Park Off Ramp to Peoria Bridge had the	NCR created	12/19/2018 7:53:23 AM -07:00	NC-2	NCR 466 was opened.	Closed	



issues below:

- (a) Midlane devices were not installed per the applicable reference documents.
- (b) The Exit Ramp opening for Havana was missing the taper on the right edge line
- (c) The exit ramp opening for Peoria off ramp was unsafe and did not comply with MUTCD (20ft tangent opening with a 24' long taper). The traffic control crew attempted to fix this taper to make it safer (adjusting the length to about 150') but was unable to make it compliant until the overhead sign removal was completed. (12:30am to 2:15am)
- (d) The temporary Exit sign for the ramp opening was located on the shoulder approx. 24' from channelized traffic.
- (e) The Havana & Central Park Entrance Ramp openings were missing the cones along the left edge.
- (f) The Merge signs for entrance ramps were placed far enough from through

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							traffic that they could be missed.					
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		[2] York Street Closure at 46th for Utility work was determined to comply with the approved MHT shown on the LCR.	Conformance	12/3/2018 2:00:20 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		[1] The WB Havana On-Ramp Full Closure & Single Right Lane Closure from Havana to Central Park was observed to follow the listed MHT per the LCR, as well as the East MOT Temporary Ramp Closure Request (Sheet EMT-1046D). UTC were on-site and utilized as necessary to assist in providing safety to the workers on-site. However, access to work zone area for flat-bed trucks transporting barrier was determined to be an issue. Drivers of trucks had to get out of cab to move cones, and once in work zone they then proceeded to put the cones back in place. See attachment.	Communication of loading & unloading operations requiring movement of MOT devices for access to site is being communicated to all disciplines.	3/6/2019 5:10:56 AM -07:00	Audit Comment	Disciplines are instructed to assist any loading and unloading operations that require movement of MOT Devices	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		[1] - On the drive through it was noted that the PCMS for NB traffic was not functioning and that the PCMS for NB traffic was not in place. The TCS & IQC were notified of this issue. IQC reported in the inspection that these items were corrected.	CAR was created and closed	4/29/2019 2:20:32 PM -06:00	Audit Comment	Increased oversight and training by the MOT and IQC teams has been initiated as part of CAR-05. Improvements to the traffic conditions are continuing. KIC appreciates the oversight provided by the department	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		MHT#111 Right Lane Closure at Peoria: Implemented correctly	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		MHT#132a Left Lane Closure on EB I-70 at Quebec: The MHT was implemented in a safe manor addressing the rejection comments.	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 8:44:58 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		Implemented closure matched the MHT.	Conformance	10/25/2018 5:31:27 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		MHT#112 Double Right Lane Closure 225 to Havana: Implemented correctly	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/18/2018 7:11:11 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		NB Josephine @ Stevenson: The detour sign for pedestrians is more visible than the detour sign for drivers. The signage at this intersection may want to be evaluated for better placement. (Item #3 on attached list.)	NCR 281 Reviewed issues were addressed.	11/15/2018 12:15:44 PM -07:00	Audit Comment	NCR #281 was opened. Sign was moved and photos are attached to NCR#281 for adjusted location.	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/18/2018 7:11:11 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		SB York @ 46th St.: The plans show detouring SB York traffic past 46th St. beyond 46th St. the plans do not show a sign finishing out this detour for SB York drivers. Currently a sign is missing connecting this detour into the detour path at 45th St. (Item #7 on attachment)	NCR 281 Reviewed issues were addressed.	11/15/2018 12:15:51 PM -07:00	Audit Comment	NCR #281 was opened. Detour sign was added and correction photo is attached to NCR #281.	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/18/2018 7:11:11 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		The PCMS for NB Josephine is placed north of 46th St. when the plans show it to be south of 46th St. (Item #5 from Attachment)	NCR 281 Reviewed issues were addressed.	11/15/2018 12:15:49 PM -07:00	Audit Comment	NCR #281 was opened. PCMS Board was moved to the south side of 46th St. (Correction photo attached to NCR #281)	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/18/2018 7:11:11 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		The sign placed for the EB York Off ramp is in the wrong location it should be placed at the gore instead it is placed at the bottom of the right fork of the off ramp. This is directing the detour traffic to take a left from a thru lane of travel instead of using the designated left lane shown on the detour plans. (Item #4 of attachment)	NCR 281 Reviewed issues were addressed.	11/15/2018 12:15:46 PM -07:00	Audit Comment	NCR #281 was opened. Sign was moved and picture is attached to NCR #281.	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/18/2018 7:11:11 AM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		45th St. EB is supposed to have a sign directing traffic to NB Josephine. This sign is placed on NB Josephine instead of 45th St. and is directing traffic to drive the wrong way down 45th St. towards York. (Item #2 on the attached list.)	NCR 281 Reviewed issues were addressed.	11/15/2018 12:15:40 PM -07:00	NC-1	NCR #281 was opened. Within the hour of receiving notification of this issue, employees corrected issue in the field (pictures attached to NCR #281)	Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/9/2018 3:37:58 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.	Chevron signs along EB exit Ramp at Havana are not relocated per plan sheet EMT-1816C. Item was discussed with PC - Isaac Klem.	Work was performed and Chevrons were temporarily mounted to resolve the issue. Signs to be relocated permanently in accordance with the plans.	10/10/2018 3:46:30 PM -06:00	NC-1	NCR) No. 0349 has been issued to address this NC-1. Nonconforming Work Remedy was to place Chevrons in accordance with MOT/MHT Plans. This was accomplished 10/9/2018 at approximately 4 pm.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.	KIC MHT #112: The implementation for this closure did not match MUCTD and the MHT. The closure was missing the following signs (Marked: *) or had incorrect signs/implementation (Marked: ****): *Missing the Yield Ahead sign for Peoria On Ramp to EB I-70 since ramp traffic was forced to yield to mainline (Add missing sign to NCR 338) ****A Right Lane Closed Ahead sign was installed instead of Right TWO Lanes Closed Ahead. This sign was also installed on the right shoulder behind	NCR 338 generated. The NCR referenced by IQC was a typo the correct number is 338.	4/29/2019 11:58:49 AM -06:00	Audit Comment	Please see NCR 388. The IQC approval of MHTs and the PC and IQC management and oversight of MHTs has changed and been improved since development of this assessment.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		Signage for MHT #106 was correct and matched the MHT.	Conformance	10/5/2018 3:31:04 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		MHT#111- WB I-70 from Chambers to 225 On Ramp	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:16:18 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		Signs matched Rev. 2 of MHT#106	Conformance	10/21/2018 10:08:58 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		-MHT#103 for the York Detour Setup	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Construction signing within the Project and all detours shall comply with CDOT Standard Specifications, the MUTCD and all other applicable standards set forth herein.		MHT#111- EB I-70 from Havana to I-225	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/10/2018 1:13:49 PM - 06:00	b. Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet; and		Barrier reflector delineation has not been installed per standard S-612-1. Barrier Reflector Note 8 states, "For temporary concrete barrier, reflectors shall be installed that meet the minimum requirements of standard typical delineator installations, except the maximum spacing shall be 50 ft." This spacing should be addressed for all temporary barrier installed to date project wide.	Addressed in NCR 0407.	4/28/2019 9:39:32 AM -06:00	NC-2	Please see NCR-407	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/30/2018 10:21:43 AM - 06:00	b. Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet; and		Per S-612-1 reflector strips shall match the existing pavement marking edge line color. In the three locations listed in the scope, this was not followed. The PC checklists should be updated to ensure proper delineation has been placed per the edge line color.	NCR 382 created	4/29/2019 4:30:42 PM -06:00	NC-2	Please see NCR-382	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:35:58 PM - 06:00	b. Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet; and		The barrier at the bottom of the ramp is place on top of the curb and does not have reflector strips on it. Attached are photos in the first photo the barrier is shown on the right & in the second photo it is shown on the far left of the photo on the outside of the opposing lanes of traffic.	888 created	4/15/2019 10:53:20 AM -06:00	NC-2	NCR 888 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	The Developer shall be responsible for the maintenance of all temporary traffic control devices within the Project, including the local street system.		MOTs were being maintained	Conformance	9/4/2018 4:16:30 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	The Developer shall be responsible for the maintenance of all temporary traffic control devices within the Project, including the local street system.		MHT #101 along mainline WB I-70 was correctly set up, and cones were maintained throughout the shoulder closure. Maintenance of sign issues for other closures are noted below.	Conformance	8/23/2018 11:04:55 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	The Developer shall be responsible for the maintenance of all temporary traffic control devices within the Project, including the local street system.		IQC notified TCS of issues regarding MHT setup at Peoria EB Exit Ramp, and TCS responded with additional signage and cones as noted below. All other TTC devices were being maintained.	Conformance	9/6/2018 8:33:14 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	The Developer shall be responsible for the maintenance of all temporary traffic control devices within the Project, including the local street system.		Closure is being maintained	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	The Developer shall be responsible for the maintenance of all temporary traffic control devices within the Project, including the local street system.		<p>IQC performed an MHT inspection on 8/14/18 (See attached). On the IQC Inspection its was noted "A lot of downed cones."</p> <p>8/14/18: For closure #7 at 10am Central 70 Assessor noticed that several cones were down. This closure was then drove at 1pm & 145pm it was noted the same cones were down. At 145pm 20 cones were down, the assessor then did a drive through at 3pm and noted that the number had increase to 54 cones which was approx. 75% of the cones in the closure being knocked over. Some of these cones were knocked into the travel lane.</p> <p>8/15/18: In the WB & EB I-70 Shoulder Closures it was noted that the closures were not being maintained 14 cones were down & two cones were in the wheel path of the open lane.</p>	NCR 235 addresses the issue & is progressing towards closure	11/15/2018 2:10:25 PM -07:00	NC-2	NCR #235 was opened	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Electrical		Freeway, Interchanges, Highway Underpasses - Design Method (Illuminance) / Luminance Range (cd/m2) () / Uniformity (avg:min)(3) / Veiling Luminance Ratio (Lvmax/Lavg)(0.3) / Visibility Level() / Illuminance Range (avg fc)(0.4 – 1.4)		Colorado EB Ramps Temporary Signals and Lighting fell within the minimum required illuminance range with an average of 1.375 Fc from Poles P-2 & P-3, as planned from RFC Sheet WMT-1701A. See attachment for Roadway Temporary Lighting Readings in the planned area.	Conformance	4/4/2019 7:28:13 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting	Electrical		Pedestrian and Bike ways - Design Method(Illuminance (Mixed vehicle and pedestrian)) / Luminance Range (cd/m2)() / Uniformity (avg:min)(4) / Veiling Luminance Ratio (Lvmax/Lavg)() / Visibility Level() / Illuminance Range (avg fc)(2)		Mixed vehicle and pedestrian lighting for crossing traffic along NB Colorado Blvd fell within the minimum required illuminance with an average of 2.43 Fc from Poles P-1 & P-4, as planned from RFC Sheet WMT-1701A.	Conformance	4/4/2019 7:28:13 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Deliverable(Lane Closures and Construction Work Hours) / Information, Acceptance, or Approval(Information) / Schedule(Thursday 10:30 AM the week in advance of implementation)		LCR was submitted by 9:18AM the Thursday prior to the work.	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	Deliverable(Requests for full Closures permitted by Section 2.11.4 or 2.11.6) / Information, Acceptance, or Approval (Acceptance) / Schedule(As required)		approved by dept	Conformance	12/4/2018 11:43:42 AM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	Deliverable(Requests for full Closures permitted by Section 2.11.4 or 2.11.6) / Information, Acceptance, or Approval (Acceptance) / Schedule(As required)		approved by dept	Conformance	12/4/2018 11:43:42 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[1] WB I-70: MHT 114 approved 10/17/18 & MHT 175 approved on 10/31/18	Conformance	11/30/2018 2:36:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[3] MHT #225 for Columbine closure was accepted on 11/30/18 and implemented the morning of 12/3/18 with communication with third parties and Department Approval.	Conformance	12/3/2018 2:00:20 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[2] approved 11/6/18	Conformance	12/18/2018 2:21:56 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[1] - approved 9/13/18	Conformance	12/18/2018 2:21:56 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:48:40 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[1] MHT #163 for Ramp Full Closure and #168 Used in conjunction with ramp closure was accepted on 11/1/18. [2] MHT #203 for York Closure Utility work was accepted on 11/14/18.	Conformance	12/3/2018 2:00:20 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 3:27:16 PM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		[2] EB I-70: MHT 165 approved on 11/1/18	Conformance	11/30/2018 2:36:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT#111 WB I-70: Implemented version of this MHT was Accepted on 9/13/18. A revision of this closure is in draft although the closure which was installed matched Rev. 0 (Rev. 1 is removing the Road Work Ahead Signs)	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		Accepted on 9/14/18	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:15:43 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT#111 EB I-70: Implemented version of this MHT was Accepted on 9/13/18. A revision of this closure is in draft although the closure which was installed matched Rev. 0 (Rev. 1 is removing the Road Work Ahead Signs)	Conformance	10/21/2018 10:08:37 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:05:53 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		Submitted on 9/21/14.	Conformance	10/11/2018 3:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT 167 was submitted 10/10/18 and accepted the same day. This was then implemented the night of the approval.	NCR 355 has been written and is progressing towards closure.	11/15/2018 2:14:05 PM -07:00	NC-2	NCR #355 has been opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/22/2018 12:16:18 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		Implemented closure matched Rev. 2 which was approved on 9/13/18. (Rev. 3 currently in draft removing the Road Work Ahead signs)	Conformance	10/21/2018 10:08:58 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		KIC MHT #112 was submitted for acceptance less than 14 days prior to implementation. Please review MHT's include all MHT's which to do not meet the criteria above criteria on one NCR.	NCR 338 generated. The NCR referenced by IQC was a typo the correct number is 338.	4/29/2019 11:58:46 AM -06:00	Audit Comment	Please see NCR 388. The IQC approval of MHTs and the PC and IQC management and oversight of MHTs has changed and been improved since development of this assessment.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/5/2018 4:07:17 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		KIC MHT #106 was submitted and accepted by the department within the allowable timeframe.	Conformance	10/5/2018 3:31:04 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT#112 Double Right Lane Closure 225 to Havana: MHT received on 9/21/18 Approved on 9/25/18	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		Submitted on 9/12/18.	Conformance	11/1/2018 1:46:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 8:44:58 AM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT was approved on 9/13/18	Conformance	10/25/2018 5:31:27 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT #132a Left Lane Closure on EB I-70 at Quebec & partial on Central Park off Ramp: was rejected on 9/20/18 & a revised MHT has not been submitted to the Department	CAR-5 has been closed.	4/29/2019 12:00:57 PM -06:00	NC-2	NCR was not written for this NC-2, however this issue was addressed with CAR-05. The MHT process to modify and receive approval prior to submittal has been modified and improved.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/26/2018 4:19:54 PM - 06:00	Deliverable(Method of Handling Traffic (MHT)) / Information, Acceptance, or Approval(Acceptance) / Schedule (14 Calendar Days prior to implementation)		MHT#111 Right Lane Closure at Peoria: received on 9/13/18 approved 9/13/18	Conformance	10/26/2018 3:27:23 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	11/30/2018 11:47:28 AM - 07:00	Deliverable(Uniformed traffic control certifications) / Information, Acceptance, or Approval(Information) / Schedule (14 Calendar Days prior to implementation)		These were not found in the Document Control System please confirm these have been submitted & we are currently in non-conformance.	UTC certifications have been received.	12/3/2018 8:00:45 AM -07:00	Audit Comment	Uniformed Traffic Control Certifications have been submitted. (C70-KIE-TRF-CRT-000004)	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		TTC devices utilized were all of acceptable quality.	Conformance	9/6/2018 8:33:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		The equipment being is used meets AATSA criteria	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		The equipment being used meets AATSA criteria.	Conformance	8/16/2018 11:48:08 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		All MOT devices were of acceptable quality.	Conformance	9/4/2018 4:16:30 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		Adequate and acceptable work zone traffic control devices were utilized for MHT's in use.	Conformance	8/23/2018 11:04:55 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	1/3/2019 5:03:58 PM - 07:00	ATSSA Quality Guidelines for Work Zone Traffic Control Devices		Barrier wall was damaged during the drilled shaft rig move from south of I-70 to the Median between EB/WB on 12/19/18. This barrier wall was damaged and left in place. The damage to the wall exceeds the allowable criteria set out in ATSSA. This item was sent out in the MOT Emergency Text on 12/20/18 & it was confirmed the repair was on the list for the night crew. The wall was found in place on 1/2/19.	587 created.	3/1/2019 9:23:18 AM -07:00	NC-1	NCR 587 Created	Closed

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Central 70	C 0704-241	ITS	Electrical		NFPA 70 National Electric Code		Temporary bridge conduit was installed without using expansion couplers. Sturgeon Process Control manager caught the mistakes and the wire was pulled out and couplers were installed.	Conformance	1/17/2019 12:07:11 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Denver Water Engineering Standards including Materials Specifications and Standard Drawings		Denver Water approved all changes and final testing	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Denver Water Capital Projects Construction Standards Volumes I, II, and III		Denver Water approved all changes and final testing	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Denver Water Plan Review Guidelines		Denver Water approved all changes and final testing	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:09:44 PM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		On a previous Assessment it was noted that the contractor failed to patch the Utility Trench on Jackson per CCD regulations. KIC was to repair the portion of roadway per CCD regulation, matching existing material, on 8/22/18. The trench was filled with millings instead of asphalt.	NCR 282 was issued	12/4/2018 10:24:53 AM -07:00	NC-2	NCR 0282 was written in KieTrac to track this issue.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		Page 21 Item 14: "The Design Engineer for the applicant shall certify in writing, the suitability for use and allow and require a minimum one foot six inch overhang of the trench width on both sides of trench, and require a minimum one and a half inch deep milling area	NCR 237 was opened and has been closed.	11/15/2018 1:52:34 PM -07:00	NC-2	NCR #237 was opened.	Closed



						<p>transverse to the travel direction to secure the plates from movement. In no case may the Street Plates extend above the present street elevation. A 24hr contact shall also be named." (Full Reg. attached)</p> <p>8/13/18: A steel plate was installed to cover utility work on Jackson St. under Closure #10-12 and it did not follow CCD regulations. The steel plate shall be certified in writing by an Engineer & shall secured and not extend above the existing roadway profile. The plate installed had the following issues:</p> <ul style="list-style-type: none">- Not signed off on by an engineer- Not secured from movement- Extended above the existing roadway profile <p>Attached is a photo along with the full CCD Regulation</p>					
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		Jackson Street utility trench patch material does not meet CCD Regs. & Stabdards. Millings were placed instead of matching existing material. CCD spoke with KIC on 8/21/18 and trench is scheduled to be repaired 8/22/18.	Temporary patch has been fixed.	10/10/2018 4:11:47 PM -06:00	Audit Comment	Jackson Street has been paved with temporary asphalt on 9/21/18	Closed
Central 70	C 0704-241	HMA	Roadway	10/24/2018 7:58:35 AM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		According to "XIII. Patching (Resurfacing) Streets, B. ACCP Streets. 5", a permanent patch shall be made within 14 days after the temporary patch is open to traffic. Reference attachments for patch locations and specifications.	NCR 392 was created.	11/5/2018 10:17:34 AM -07:00	NC-2	Reference NCR # 392 in KieTrac.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	10/29/2018 10:57:07 AM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		Asphalt lifts were placed with three lifts placed approximately at 4", 3", and 3" surface with varying grade.	Conformance	10/29/2018 10:31:23 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	10/29/2018 10:57:07 AM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		Cross slopes conformed to within the allowable tolerances.	Conformance	10/29/2018 10:31:23 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	10/29/2018 10:57:07 AM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		Hand work and raking was limited to confined areas and performed where necessary, and when the space was available, a paving machine was utilized.	Conformance	10/29/2018 10:31:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	10/29/2018 10:57:07 AM - 06:00	CCD Rules & Regulations for Governing Street Cuts and Roadway Excavation Specifications		All lifts were properly compacted and PC testing resulted in 93% compaction during observation of operations. CCD rules and regulations requires compaction between 92% and 96%, with the average being atleast 93%.	Conformance	10/29/2018 10:31:23 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	11/26/2018 4:29:26 PM - 07:00	CDOT Standard Plans, M & S Standards		The department was notified of the issue today (Monday, 11/26/2018). The area in question is considered unsafe and needs to be addressed immediately. There is conflicting signage that needs to be taken down on the WB I-225 On Ramp. This signage was not addressed in the Safe-to-Open that was completed on 10/17/2018. Please reference the attached documents. The post size and skid should be in conformance with the M&S Standards.	NCR 455	5/7/2019 10:11:28 AM -06:00	NC-2	Please see NCR-0455	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping	11/2/2018 7:53:08 AM - 06:00	CDOT Standard Plans, M & S Standards		It was observed that the wrong size sign post was utilized for the EB I70 Advance Warning signs. Please reference the attachments for the appropriate sign string, Advance Warning Sign issues, pictures and applicable M&S Standards.	NCR 405 has been created.	11/8/2018 9:03:47 AM -07:00	NC-2	This issue will be resolved through NCR 0405	Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping	12/26/2018 2:35:33 PM - 07:00	CDOT Standard Plans, M & S Standards		EB I-70 Advance Warning signs are missing or damaged. "Work Zone Speed Limit 55". Reference the attached documents for further information.	NCR 585 was opened	1/10/2019 8:30:34 AM -07:00	NC-2	NCR 585 has been opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	3/15/2019 5:18:53 PM - 06:00	CDOT Standard Plans, M & S Standards		<p>Per section 203.05 of the specifications, (e) Stripping. Overbueden shall be removed to the depth for the production of acceptable material and at least 5' beyond area being excavated. Also per section 203.06 of the specifications, "During the course of construction, embankment side slopes shall be built a minimum of 12 inches wider than the final grade indicated in the Contract to allow for compaction equipment to compact the full width of the embankment.</p> <p>The grading was not extended past the point for proper compaction of the outside edge, and made the proper placement/compaction of the asphalt difficult. See attached pictures.</p>		5/10/2019 7:57:31 AM -06:00	NC-2	As per discussion with Adam Mercer this material was removed prior to the next lift of asphalt being placed. NCR was not written issue resolved immediately in the field.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	11/26/2018 4:29:26 PM - 07:00	FHWA Manual on Uniform Traffic Control Devices		<p>The NDC that was submitted does not follow the MUTCD. Reference pages 4 and 5 of the attachment for comments.</p>	noted	5/7/2019 10:11:34 AM -06:00	Audit Comment	Note taken. The FDC was approved by the EOR.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		The installed signs for a traffic shift are one 1ft mounts but since the intention is for them to be in place for more than 3 days these signs should be on 7ft mounts. Currently the sign could be obstructed by vehicles in the exterior lane. Some signs are also obstructed by vegetation due the low mounting height.	items correcte	4/29/2019 2:21:47 PM -06:00	Audit Comment	Sign has now been removed and corrected	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:08:11 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		Our team observed the bases for the Advance Warning signs mounted on barrier have broken loose and are a safety concern. Reference the attachment for further information. According to MUTCD Section 1A.05 (Maintenance of Traffic Control Devices) Note 03-Clean, Legible, properly mounted devices in good work condition command the respect of the road user.	NCR 354 was opened	11/28/2018 7:29:51 AM -07:00	NC-2	NCR #354 was opened.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:08:11 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		Some advance warning signs at the eastern project limits are mounted incorrectly and not in conformance with the plans or MUTCD. This sign is considered a safety hazard. Address immediately.	NCR 354 was opened	11/28/2018 7:29:57 AM -07:00	NC-2	NCR #354 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		<p>Per MUTCD Section 6F.03 Sign Placement, the signs installed for MHT #112 at Josephine & 45th did not meet the height requirement of 7 feet in a residential area where parking or pedestrian movements were occurring resulting in the advanced warning signage not being completely visible. See Attachment #1.</p> <p>Per MUTCD Figure 6H-4, for a Short-Duration or Mobile Operation on a Shoulder (TA-4), "Road Work Ahead" & "Shoulder Work" signage was missing on the WB Entrance Ramp to mainline I-70 at Chambers. Instead of "Shoulder Work" signage, a "Left Lane Closed Ahead" signage was incorrectly placed and not maintained/adjusted on back of TMA. See Attachment #2.</p>	Tracked through NCR 246.	2/27/2019 7:11:24 AM -07:00	NC-2	NCR 246 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		Per MUTCD, Typical Application 25 - Multiple Lane Closures at Intersection if the work space extends across an intersection, the devices in the typical should be utilized. Please see attached for TA-25.	Audit comment addressed sufficiently.	9/28/2018 11:54:41 AM -06:00	Audit Comment	MUTCD Typical application 25 will be used in future typical MHTs.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:09:44 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		The above VMS was installed without an delineation and was within the clear zone. The Department is issuing this as an audit comment in lieu of issuing an additional NC-2 but expects it to be included with the above NCR for Item #2.	NCR 284 has been written and the VMS has been moved to a safe location.	11/15/2018 2:16:31 PM -07:00	Audit Comment	NCR #284 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:09:44 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		<p>The VMS board installed on WB I-70 @ Colorado Off Ramp was installed within the clear zone of the Guardrail End Treatment. It was installed approx. 10' longitudinally from the start of the guardrail and 1.7' off the back of the guardrail posts. CDOT Standard requires 3' minimum clear zone behind guardrail.</p> <p>Attached is the M&S Plan showing this clear zone along with the IQC Inspection of the Installation.</p>	NCR 284 has been written and the VMS has been moved to a safe location.	11/15/2018 2:16:25 PM -07:00	NC-2	NCR #284 was opened.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/6/2018 3:29:04 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		<p>Closure utilized in the field did not match the MHT as required. It was observed that there were select advanced warning signs that were not present as set forth in the MHT. IQC was notified and contacted TCS immediately to have additional signs installed as planned on MHT, as well as a few additional delineation cones at the merging taper. Additional discussion in regards to a new revision submittal of MHT is referenced below in Item No. 3.</p>	Audit comment addressed sufficiently.	9/28/2018 11:56:26 AM -06:00	Audit Comment	MHT issues are being addressed with CAR-005. Related to this specific issue, IQC inspection timing and frequency has increased.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/24/2018 4:05:45 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		<p>Closure utilized in the field did not match accepted MHT #112 as required, and set forth in the specifications. MHT called out for three different flagger locations, and only two were present. Flaggers did not communicate effectively, and allowed vehicles to pass one flagger before other had correctly adjusted signage to stop oncoming traffic. The spacing of the signage (less than 100'), and vertical panels at taper NB Josephine was not met (MHT states 180' Taper - Was only Approximately 60-80'). The vertical panels were not set with stripes facing correct direction of merging taper. See Attachment #1.</p> <p>Audit Comment: O&M observed without MHT along WB Entrance ramp at Peoria to Mainline I-70 within the clearzone. As discussed with O&M trash pick up crew should be working outside the clear zone unless TMA is present. See Attachment #2.</p>	Tracked through NCR 245.	2/27/2019 7:09:01 AM -07:00	NC-2	NCR 245 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/4/2018 4:24:13 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		WB I-70 to 270 inspected IQC's MHT and noticed TMA was to close to the work zone.	Spacing of the TMA will be monitored.	10/10/2018 4:13:06 PM -06:00	Audit Comment	IQC reporting comment to the Traffic Control Superv. and Traffic team. Spacing of the TMA will be observed in future events.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/22/2018 4:19:08 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		No modifications	Conformance	8/22/2018 2:51:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2018 4:07:28 PM - 06:00	1.1 This Appendix sets forth modifications to the CDOT Standard Specifications for Road and Bridge Construction ("CDOT Standard Specifications"), the Standard Special Provisions applicable to the Project and the Project Special Provisions. For certainty, the CDOT Standard Specifications, the Standard Special Provisions and the Project Special Provisions (each, as so modified) are Construction Standards for the purposes of the definition thereof in Part A of Annex A (Definitions and Abbreviations) to the Project Agreement.		8/14/18: For Closure #7 it was also noted that the crash truck following the operation was not spaced as noted on the MHT. The truck was approximately 100ft from the operation instead of the 200ft noted on the MHT. Please verify that 200ft is the correct spacing. 8/15/18: Several crash trucks on the project for EB & WB I-70 Shoulder Closures were within 25-80ft of the operations. (Photos Attached)	NCR 236 covers this issue and is progressing towards closure.	11/15/2018 2:10:30 PM -07:00	NC-2	NCR #236 was opened.	Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order and DRAL properly executed	Conformance	4/18/2019 8:08:07 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		Developer coordinating with Xcel weekly. Design is complete, working on construction schedule	Conformance	4/18/2019 8:08:07 AM -06:00	C		Closed
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	3/1/2019 1:41:23 PM - 07:00	The ABC Class 6 must meet the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		OVT Random Test on 2/28/19 R Value = 75. See attached	NCR 757	5/7/2019 4:34:45 PM -06:00	NC-2	Please see NCR-757	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/15/2018 9:25:45 AM - 07:00	The detour locations and dimensions for all phases of construction shall be as shown on the Contractor's plans		Contractor did not follow approved plans. Existing shoulder asphalt was not removed to the extents shown in the plans. Ref EMT-1035	NCR 0431 has been issued.	11/28/2018 7:28:49 AM -07:00	NC-2	This issue will be addressed by NCR 0431	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/15/2018 9:25:45 AM - 07:00	The Contractor shall furnish an approved 10 foot straightedge, depth gauge and operator to aid the Department in testing the pavement surface		10' straight edge was on site.	Conformance	11/14/2018 5:05:45 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/15/2018 9:25:45 AM - 07:00	Areas showing high spots of more than 1/2 inch in 10 feet shall be marked and diamond ground until the high spot does not exceed 1/2 inch in 10 feet		High spot was witnessed at approx. Sta 2296+55. 10 straight edge was placed and failed 1/2" allowable tolerance. Measured 1.5". Note: It is believed that if temporary asphalt was placed per plan this would not have occurred.	Bump was milled out and removed on 11/29/2018.	11/30/2018 12:11:37 PM -07:00	Audit Comment	This area was walked with IQC and the Department Assessment team. The asphalt crew matched an existing "bump" in the asphalt. The plan is to mill or grind back to the limits of the "bump" prior to the traffic switch.	Closed
Central 70	C 0704-241	ITS	Electrical		a. Traffic signals on Local Agency Roadways shall comply with the Local Agency Standards at time of the Setting Date and as outlined in Schedule 10, Section 11, Appendix A;		Temporary ITS device is within conformance of requirements.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		f. Temporary traffic signal and timing plans shall be designed, as necessary, to facilitate re-construction of any existing signalized intersection. Span wire type installations are permitted for temporary signals only. Poles shall be placed at locations that will facilitate all stages of intersection reconstruction and must meet clear zone requirements. Noninvasive loops are permitted for temporary installations. All traffic signal pole locations shall be staked in the field and approved by CCD and Accepted by the Department before installations. All traffic signal timing plans shall be coordinated and approved by CCD prior to implementation. The plans shall be submitted for Acceptance to the Department prior to implementation for both temporary and permanent installations;		Ramp meter signal timing is within compliance of requirements for CDOT Ramp Metering devices.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		g. Modifications to existing infrastructure in any way shall not be allowed and will require new installations, unless otherwise stated in the Project Agreement. This can include additions/modifications such as signal heads, foundations, longer mast arms, lighting, drilling holes, adding wire, and all signal equipment and devices integral to the signal. Existing equipment such as poles, mast arms and foundations cannot be re-used or upgraded and shall be new;		Installed per RFC plan set.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The Ultimate configuration shall be accommodated.		Installed per RFC plan set.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	9/19/2018 4:22:48 PM - 06:00	Section 208 is hereby deleted from the Standard Specifications for this project and replaced with the following:		"Once earthwork has started, the Contractor shall continue erosion BMPs until permanent stabilization of the area has been completed and accepted." BMPs at the site for the Swansea Wall work were removed prior to implementation of stabilization. The department has elected to issue this as an audit comment but future occurrences will be issued as an NC.	See NCR 388	11/27/2018 2:45:35 PM -07:00	Audit Comment	BMPs were implemented per the SWMP. Additional perimeter BMPs were also installed.	Closed
Central 70	C 0704-241	BMPs	Environmental	9/19/2018 4:22:48 PM - 06:00	Prior to construction, the Contractor shall implement appropriate BMPs for protection of wetlands, sensitive habitat and existing vegetation from ground disturbance and other pollutant sources, in accordance with the approved project schedule as described in subsection 208.03(b).		See #3 below.	See NCR 388	11/27/2018 2:45:25 PM -07:00	Audit Comment	BMPs are implemented at this location.	Closed
Central 70	C 0704-241	BMPs	Environmental	5/6/2019 4:41:14 PM - 06:00	Vehicle tracking control shall be used at all vehicle and equipment exit points from the site to prevent sediment exiting the Limits of Construction (LOC) of the project site. The SWMP Administrator shall record vehicle tracking control pad locations on the SWMP site map.		On 5/1 the department found significant track out on the WB Peoria On Ramp from trucks using other unprotected exit points from the work area. See photos attached to Item #1 of the audit.	988	5/30/2019 8:28:39 AM -06:00	Audit Comment	Refer to NCR No. 0988	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	9/19/2018 4:22:48 PM - 06:00	(2) Interim Stabilization. Stockpiles and disturbed areas as soon as known with reasonable certainty that work will be temporarily halted for 14 days or more shall be stabilized using one or more of the specified following methods:		Crews excavated pits to the Southwest of the Quebec interchange. The spoils from these pits have been onsite for at least 14 days without Interim Stabilization installed. (Photos & Location Attached.)	Understood	11/27/2018 2:45:15 PM -07:00	Audit Comment	This stockpile is used to mix with pothole washout debris to dry out the load so it can be hauled to the landfill. It is disturbed every few days for this purpose. KIC understands the 14 day stabilization requirement and will ensure that is completed elsewhere as applicable.	Closed
Central 70	C 0704-241	BMPs	Environmental	5/6/2019 4:41:14 PM - 06:00	The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		On 5/2 track out was found on the WB Peoria Off Ramp & WB Peoria On Ramp. The track out was due to the track pad from the NE quadrant being covered in silt. This track out was separate from the track out on 5/1. Attached are photos of the issue.	988	5/30/2019 8:28:53 AM -06:00	NC-2	Refer to NCR No. 0988	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	5/6/2019 4:41:14 PM - 06:00	The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		Trucks were hauling excavation spoils to the stockpile in the SE quadrant of Quebec. The trucks hauling this material exited the work area across track pads which were completely covered in sediment. As a result this sediment was tracked on to the roadway and was able to reach an unprotected inlet at the east abutment of the EB I-70 bridge over Sand Creek. Sweeping operation were performed to capture the sediment from the track out but sediment still remains. Crews will need to return to capture all sediment tracked out against the barrier wall on Sand Creek Bridge. Attached are photos of the track out and the outfall.	988	5/30/2019 8:28:43 AM -06:00	NC-2	Refer to NCR No. 0988	Closed
Central 70	C 0704-241	BMPs	Environmental	9/19/2018 4:22:48 PM - 06:00	Failure to implement the Stormwater Management Plan is a violation of the CDPS-SCP and CDOT specifications		The SWMP shows BMPs for work south of Swansea Elementary (Sheet attached). A crew was observed performing ground disturbing activities with an excavator (photos attached) without BMPs installed.	See NCR 388	11/27/2018 2:45:30 PM -07:00	NC-2	The SWMP does not show BMPs around this perimeter. The inlet protections shown on the map page were implemented in the field.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	5/6/2019 4:41:14 PM - 06:00	(4) Failure to amend the SWMP and implement BMPs as required by subsection 208.04.		On 5/1 the department found significant track out on the WB Peoria On Ramp from trucks using other unprotected exit points from the work area. Attached are photos.	988	5/30/2019 8:28:33 AM -06:00	NC-2	Refer to NCR No. 0988	Closed
Central 70	C 0704-241	BMPs	Environmental	5/6/2019 4:41:14 PM - 06:00	(4) Failure to amend the SWMP and implement BMPs as required by subsection 208.04.		Upon evaluation of the outfall from the Sand Creek Bridge inlet it was found that the outfall did not have proper protection for the sediment entering the system due to the Quebec track out. It was also noticed that work was done around the outfall and the slope surrounding it were not protected. As a result of both of these issues sediment/silt enter the pond located in the NE quadrant of Sand Creek. See Item #3 for photos of the outfall & issues.	988	5/30/2019 8:28:48 AM -06:00	NC-2	Refer to NCR No. 0988	Closed
Central 70	C 0704-241	BMPs	Environmental	5/10/2019 4:56:02 PM - 06:00	(4) Failure to amend the SWMP and implement BMPs as required by subsection 208.04.		BMPs were not implemented prior to crews disturbing the area with vehicle traffic. Crews disturbed the area vehicle traffic and material was tracked on to bike trails. Attached are photos from the area.	1009	5/23/2019 8:47:32 AM -06:00	NC-2	Refer to NCR No. 1009	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		Entire ITS ductbank is installed within ROW	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		Conduit DB installed within C70 ROW	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Installed per the NEC requirements	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		All conduit installed as required by the NEC	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduit installed per NEC code	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Power conduits shall be placed above Zayo conduits if they are located in a joint trench;		Electrical conduit not installed until two Zayo 6" conduit were encased in BZ.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. Power conduits shall be placed above Zayo conduits if they are located in a joint trench;		Power conduits encased above duct bank in area.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Correct coloration of conduit used per spec.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		vii. The Developer shall be responsible to install the number of conduits in a duct bank, as described below.		Two Zayo 6", five orange 2" HDPE, one green/orange 2" installed per spec and plans.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		CDOT conduit in area consists of five 2" orange HDPE	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		All conduit is HDPE	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All CDOT and CCD conduits are factory lubricated with Silacor coating.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduits used are factory lubricated with Silocore technology	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All conduit is factory lubricated with Silicore technology	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		Correct coloration of conduits used.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. Separate 2-inch lateral conduits for fiber laterals shall be required to the ETC and ITS equipment. These shall be in addition to the five 2-inch conduits for CDOT;		One 2" terracotta lateral conduit included within DB	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) Eight (*CO-026, *CO-049) conduits shall be stacked in a trench that shall be no more than 22-inches in width, except as Approved by the Department.		ITS DB trench is < 22" in width	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) Eight (*CO-026, *CO-049) conduits shall be stacked in a trench that shall be no more than 22-inches in width, except as Approved by the Department.		Conduit is stacked and seated in chairs for the entire length of DB in area. Ductbank measures 15 inches wide.	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo conduits installed as required	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey conduit installed as required by Zayo	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" Grey conduit installed for Zayo	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green/Orange for CCD installed	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed

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Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange conduit installed as required by CCD	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange CCD conduit installed as required	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange CDOT conduit installed as required	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE for CDOT installed	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange conduit installed as required by CDOT	Conformance	6/9/2020 2:03:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Requirement checked at 4 different spots. Work done on 2/12/2019	Conformance	2/26/2019 11:23:53 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM - 06:00	i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Sturgeon submitted an RFI to move trench 6 feet to the south to avoid the Zayo fiber optic backbone. The RFI has not yet been accepted by the department as of 3.20.2019.	It was agreed that this can be captured in the as-builts.	4/10/2019 8:07:10 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM - 06:00	i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		No wet utilities have been crossed as of yet.	Conformance	3/20/2019 10:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		Requirement check at several locations. One culvert crossing was noted approx 1000' east of ITS manhole. Work done on 2/22/2019.	Conformance	2/26/2019 11:23:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Requirement checked at 4 different spots. Work done on 2/12/2019	Conformance	2/26/2019 11:23:53 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM - 06:00	i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Duct bank is in conformance with 24 inch width requirement(A deviation was approved to accommodate Sturgeons bucket width of 24 inch).	Conformance	3/20/2019 10:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM - 06:00	i. Conduit duct bank shall be no deeper than 6 feet		Verified that duct bank is no more than 6 feet in random areas at approximately every 30 feet.	Conformance	3/20/2019 10:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Requirement checked at 4 different spots. Work done on 2/12/2019	Conformance	2/26/2019 11:23:53 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Duct bank is 4' 8" deep.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Bore shot conducted in accordance with ITSDT-12 for directional bore shots.	Conformance	9/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit DB measures 71" deep (5.91 Feet)	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Duct bank in area is encased at 4'6"	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. The fiber conduits perpendicular to any drainage outlets shall be capped (*CO-049) in concrete (Class BZ) to prevent it from floating upward to the surface		Drainage in area caused duct bank to be encased in BZ to 3' and the flow-filled on the top layer before backfilling.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduits were bored in and pulled back together as a bundle	Conformance	9/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed after conduit ends were cut.	Conformance	9/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon installation	Conformance	5/29/2020 8:13:10 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately after conduit was cut off reels.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon conduit being cut from reels.	Conformance	10/8/2019 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	4/13/2020 11:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Requirement checked at beginning of duct bank. Work done on 2/12/2019.	Conformance	2/26/2019 11:23:53 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM -06:00	iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs are installed on any open ends of conduit in area.	Conformance	3/20/2019 10:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/21/2019 9:21:00 AM -06:00	vii. The Developer shall be responsible for locating all Developer installed fiber facilities, whether or not they are spliced, until the end of the O&M Work with respect to ITS and ETC facilities per Schedule 11		Zayo fiber backbone in area is located and also potholed for verification.	Conformance	3/20/2019 10:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Manhole installed was 4'x4'x4' with cast iron frame ring and cover. Manhole set on 2/5/2019.	Conformance	2/26/2019 3:23:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Dimensions of manhole are 4'x4'x4' and has a cast iron frame ring and lid ("CDOT COMM" cast on lid). Manhole installed on 2.28.18 at STA2402+36	Conformance	3/5/2019 2:20:47 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Manhole is within CDOT spec.	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/25/2019 1:53:24 PM -06:00	utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Manhole is in conformance with CDOT spec 712.05 precast concrete units.	Conformance	3/25/2019 12:16:05 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		CDOT dual lid pull box measured 24x36	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		CCD and CDOT pull boxes are clustered together.	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		B. Pull boxes are not allowed in traffic areas, paved shoulders, paved roadways, and sidewalks, unless otherwise Approved by the Department. Where Approved by the Department, pull boxes in traffic areas shall be traffic rated. (*CO-029) No fiber optic splicing shall be performed in CDOT pull boxes;		Pull boxes are in green space away from shoulders and lanes of traffic	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Manhole Installed Per plan outside of paved shoulders and roadway. Manhole set on 2/5/2019.	Conformance	2/26/2019 3:23:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Manhole installed per plans(ITS-039)and is verified not in conflict with paved roadways or shoulders. Manhole installed on 2.28.18 at STA2402+36	Conformance	3/5/2019 2:20:47 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Manhole is not in paved shoulders or roadways.	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/25/2019 1:53:24 PM - 06:00	C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Placement is in greenspace	Conformance	3/25/2019 12:16:05 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. Pull boxes for ITS and ETC power shall be spaced no greater than 300 feet apart as Accepted by the Department;		No power pull boxes in area	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Pull boxes placed within area of future ITS equipment locations	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pull Box is Tier22 rated	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall furnish and install all pull boxes and manholes based on the Construction Standards and any applicable Local Agency standards and specifications. Each location shall be easily accessible for maintenance purposes. Pull boxes shall not be placed in a known flood-prone area or drainage ditch. A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole.		In conformance with plans	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Pull boxes placed in a safe accessible location.	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		This manhole is located in an accessible area for future maintenance crews.	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is not hazardous and is completely accessible for future maintenance crews.	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Pull box is installed per plan sheet ITS-026(RFC-East ITS & Tolling).	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Placement of pull boxes in accordance with plan sheets	Conformance	4/10/2019 10:16:30 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall salvage all existing ITS equipment that is affected by the Construction Work.		All existing equipment was re-used to implement RMS.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall also provide documentation for all ITS equipment		The As-built documentation was provided to Kiewit.	Conformance	7/23/2019 11:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Manhole TMS will include marking conduit ownership in each, the Manhole TMS, excavation and backfill, hooks to hang coils, all cable innerduct, conduit inside Manhole TMS, all hardware, as well as all equipment and labor necessary to install the Manhole TMS.	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).	Conformance	4/30/2019 7:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Contractor shall neatly excavate the site of Manhole TMS installation. A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS. Verified 12" of granite-gravel was installed prior to manhole being set.	Conformance	6/6/2019 2:16:03 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Pre-cast units shall be provided with factory-installed knockouts that will permit the installation of a minimum of 6 of 2-inch conduits. The factory-installed knockouts shall be at a depth of 3 feet below the top of the Manhole TMS. Manhole knockout were verified 3' below the top of the manhole.	Conformance	6/6/2019 2:16:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Manhole TMS shall be pre-cast concrete, circular or square, with a base and cast iron frame ring and cover. Each Manhole TMS, frame, and cover shall conform to American Association of State Highway and Transportation Officials (AASHTO) HS20-44. Manhole was verified to meet the approved submittal and HS20-44	Conformance	6/6/2019 2:16:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words “CDOT COMM” cast on top of cover. Verified manhole lid had CDOT COMM cast into it.	Conformance	6/6/2019 2:16:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical Conduit shall be Schedule 80.	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All HDPE conduit shall be factory lubricated, low-friction, high-density conduit constructed of virgin high-density polyethylene resin.	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit for power—Red	Conformance	4/26/2019 11:55:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pd 3-46: Contractors shall prepare a trenching and boring plan. Trenching and boring plan has been submitted	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pg. 3-48: All conduits ends shall be free from sharp edges and burrs.	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pg. 3-46: During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pg. 3-47: Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pg. 3-47: The Contractor shall restore all surface materials to the original condition or better. This includes but is not limited to pavement, sidewalks, sprinkler systems, landscaping, shrubs, sod, and native vegetation that is disturbed by the conduit installation operation.	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Section 613 Pg. 3-45: Electrical conduit shall be Schedule 80	Conformance	4/10/2019 9:21:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		HDPE conduit and fittings shall be certified by the manufacturer as meeting American National Standards Institute (ANSI) ANSI/UL 651A. PVC conduit and fittings shall be certified by the manufacturer as meeting ANSI/UL 651. The manufacturers shall be International Organization for Standards (ISO) 9001 compliant.	Conformance	4/10/2019 10:14:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Soil Embankment. All soil embankment shall be placed in horizontal layers not to exceed 8 inches in loose lift thickness. Each layer shall be compacted prior to the placement of subsequent layers.	Conformance	4/10/2019 10:14:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Excavations and conduit installation shall be performed in a continuous operation. All trenches shall be backfilled by the end of each shift. Material from trenching operations shall be placed in a location that will not cause damage or obstruction to vehicular or pedestrian traffic or interfere with surface drainage.	Conformance	4/10/2019 10:14:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All of CDOT's five 2 inch conduits in the joint trench shall be orange in color and CCD's conduit(s) in the joint trench shall be green with an orange stripe.	Conformance	4/10/2019 10:14:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical Conduit shall be Schedule 80. Electrical Conduit and fittings shall be UL listed.	Conformance	4/10/2019 10:14:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All HDPE conduit shall be factory lubricated, low-friction, high-density conduit constructed of virgin high-density polyethylene resin. HDPE conduit shall be capable of being coiled on reels in continuous lengths, transported, stored outdoors, and subsequently used for installation, without affecting its properties or performance.	Conformance	9/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Where conduit encasement is required, the concrete used shall conform to CDOT standards.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Excavations and conduit installation shall be performed in a continuous operation. All trenches shall be backfilled by the end of each shift. Material from trenching operations shall be placed in a location that will not cause damage or obstruction to vehicular or pedestrian traffic or interfere with surface drainage Trench was filled with BZ to encase conduit and backfilled at the end of the shift.	Conformance	11/19/2019 8:06:06 AM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged. Conduit plug installed in lateral conduit.	Conformance	11/19/2019 8:06:06 AM -07:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All conduits terminating in a pole or sign structure shall extend to a point 6 inches below the handhole in the pole or structure.	Conformance	10/10/2019 10:05:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signaling	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		HDPE conduit and fittings shall be certified by the manufacturer as meeting American National Standards Institute (ANSI) ANSI/UL 651A. PVC conduit and fittings shall be certified by the manufacturer as meeting ANSI/UL 651. The manufacturers shall be International Organization for Standards (ISO) 9001 compliant.	Conformance	10/10/2019 10:05:59 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All HDPE conduit shall be factory lubricated, low-friction, high density conduit constructed of virgin high-density polyethylene resin.	Conformance	10/10/2019 10:05:59 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical Conduit shall be Schedule 80. Electrical Conduit and fittings shall be UL listed.	Conformance	10/10/2019 10:05:59 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.	Conformance	10/10/2019 10:05:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Excavations and conduit installation shall be performed in a continuous operation. All trenches shall be backfilled by the end of each shift. Material from trenching operations shall be placed in a location that will not cause damage or obstruction to vehicular or pedestrian traffic or interfere with surface drainage.	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Excavations and conduit installation shall be performed in a continuous operation. All trenches shall be backfilled by the end of each shift. Material from trenching operations shall be placed in a location that will not cause damage or obstruction to vehicular or pedestrian traffic or interfere with surface drainage.	Conformance	9/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical Conduit shall be Schedule 80. Electrical Conduit and fittings shall be UL listed.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All HDPE conduit shall be factory lubricated, low-friction, high-density conduit constructed of virgin high-density polyethylene resin. HDPE conduit shall be capable of being coiled on reels in continuous lengths, transported, stored outdoors, and subsequently used for installation, without affecting its properties or performance.	Conformance	10/8/2019 10:59:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	3/8/2019 4:21:36 PM - 07:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit at station 2402+00 was 4' 8" to top of conduit. Compaction was a 2' lift and then 8" lifts to grade. PC and IQC testers were onsite to conduct compaction tests.	Conformance	3/8/2019 2:15:15 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Each pull box shall have an Electrical Marker System (EMS) locator disk manufactured into the lid for communication line locating.	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Wire mesh shall be installed in a manner to completely surround the box. The wire mesh shall meet the material standard ANSI/American Society of Testing and Materials (ANSI/ASTM) A555-79 and made of T-304 stainless steel, 0.025 inch wire diameter minimum and shall have a spacing of 10 mesh per inch.	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box.	Conformance	5/1/2019 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – ITS and CCD Offline Devices *CO-057		KMP submitted ITS offline device form to CDOT and C-70 team on 12/15/2018. ITS equipment was moved off generator power and onto new power on 12/20/2018. Work was completed at 1:00pm.	Conformance	1/17/2019 12:07:11 PM -07:00	C		Closed
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	3/8/2019 12:30:16 PM - 07:00	If the Department determines that the compared test results do not correlate, the Department will follow procedures outlined in the CDOT Field Materials Manual for Non-Validation and Status of Material Quality		Per CP-25, OVTs one point did not verify with the IQC proctor that they were using to accept the density of the fill. The OVT one point was approximately 4 lbs/ft ³ off from the IQC proctor being used. This NCN incorporates all class 1 MSE backfill material placed at wall 624-W1 to date. The Department is currently working with IQC to determine the cause of failure and extent of the material (if any) that requires retest or recompaction. KMP shall write an NCR for this issue and all documents produced to resolve this issue shall be attached.	NCR 762	5/7/2019 4:36:22 PM -06:00	NC-2	Please see NcR-762	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	3/8/2019 12:30:44 PM - 07:00	If the Department determines that the compared test results do not correlate, the Department will follow procedures outlined in the CDOT Field Materials Manual for Non-Validation and Status of Material Quality		Per CP-25, OVTs one point did not verify with the IQC proctor that they were using to accept the density of the fill. The OVT one point was approximately 5 lbs/ft ³ off from the IQC proctor being used. This NCN potentially incorporates 250 CUYD of material placed at this line to date. The Department is currently working with IQC to determine the cause of failure and extent of the material (if any) that requires retest or recompaction. KMP shall write an NCR for this issue and all documents produced to resolve this issue shall be attached.	NCR 764	5/7/2019 4:37:15 PM -06:00	NC-2	Please see NCR-764	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	3/25/2019 1:59:04 PM - 06:00	If the Department determines that the compared test results do not correlate, the Department will follow procedures outlined in the CDOT Field Materials Manual for Non-Validation and Status of Material Quality		On Saturday 3-16-19, the Department notified KMP of an OVT density test that failed for Class 1 Backfill at Peoria MSE wall STA 603+25 (Block 6217). See attached. Department is not issuing an NCN for this issue since it was resolved on site and material was appropriately reworked by KMP. Please respond to this audit comment by explaining and providing documentation of the field resolution including the stations and quantity that were reworked	NCR 841	5/10/2019 9:13:55 AM -06:00	Audit Comment	This comment will be handled through the resolution of NCR-0841.	Closed
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	3/25/2019 1:59:04 PM - 06:00	If the Department determines that the compared test results do not correlate, the Department will follow procedures outlined in the CDOT Field Materials Manual for Non-Validation and Status of Material Quality		On 3-18-19, the Department notified KMP that OVT was unable to verify that the proctor that KMP provided for MSE Class 1 Backfill at Peoria MSE wall STA 603+25 (Block 6217). See attached.	NCR 841	5/10/2019 9:13:59 AM -06:00	NC-2	This NC-2 was issued as NCR-0841.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	IQCP-02 IQC Record Collection		<p>IQC Inspectors failed to report improper testing procedures were followed during the process of concrete testing and placement for slotted trench drain. It was noted there was no slump or air testing taking place, instead every 100 CY of concrete, cylinders were taken for verification. Additionally, the first two trucks tested on 4/13/19, the air was tested and failed both PC & IQC. This concrete was placed, and no NCR was documented as per the NCR process (QSP-07). Per IQCP-02, IQC inspection will pertain to both temporary and permanent work, and testing performed in the field shall be overseen by IQC staff to ensure materials are adequately collected and tested, as applicable.</p>	Concrete performance during life-cycle not expected to have any impact from lack of testing. The Developer and Department spoke of time constraints from the closure, and the decision was made by Developer to place concrete regardless of proper testing procedure.	4/29/2019 8:56:32 AM -06:00	Audit Comment	Due to the time constraints of the closure, air and slump testing was not performed. The placement was temporary and air content will not impact performance over the life-cycle of the concrete.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	STO-TRAFFIC SWITCH		The above items in the audit were not noted on the Safe to Open.	968 was created	5/7/2019 10:20:25 AM -06:00	NC-2	NCR 968 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	STO-TRAFFIC SWITCH		The Safe to Open for this traffic switch was not present in the KieTrac & it failed to catch that barrier wall was supposed to be installed as part of this shift. As a result crews started work in the area with out the barrier shown on the RFC sheet.	889 created	4/15/2019 10:49:16 AM -06:00	NC-2	NCR 889 Created	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	a. The Developer shall establish and maintain documented procedures for identifying training needs and requirements and shall provide training of all personnel performing activities affecting quality.		Base on issues found with Item #3 above and after reviewing the checklist it appears the inspector was not adequately trained to inspect the work. The subgrade had significant issues with smoothness resulting in thin detour pavement not meeting the 4" required. Attached is the IQC checklist	Ncr 0985	8/12/2019 11:54:10 AM -06:00	NC-2	NCR 0985 was generated to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	10/15/2019 4:18:17 PM - 06:00	(e) Temporary works: falsework, shoring that exceeds 5 feet in height, cofferdams, and temporary bridges		Please submit safety critical plan addressing excavation and trenching for Zayo and drainage under viaduct	submittal in aconex	10/21/2019 8:44:55 AM -06:00	Audit Comment	KIC submitted multiple safety critical plans for different excavated utilities under the viaduct. Aconex numbers - C70-KIE-SSF-PMP-000039, C70-KIE-SSF-PMP-000014.	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	10/15/2019 4:18:17 PM - 06:00	Should an unplanned event occur or the safety critical operation deviate from the submitted plan, the Contractor shall immediately cease operations on the safety critical element, except for performing any work necessary to ensure worksite safety, and provide proper protection of the work and the traveling public. If the Contractor intends to modify the submitted plan, he shall submit a revised plan to the Engineer prior to resuming operations.		No safety critical plan submitted for drainage under viaduct. Per Sanitary Safety memo: no slope shoring allowed, only 60 LF exposed at a given time, only 1 bent exposed at a time.	1041 was created	10/21/2019 8:44:42 AM -06:00	NC-1	NCR 1041 was written to track the excavation. The excavation was remediated immediately by backfilling the over excavated pier to pier area.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All material or debris has been disposed of at an approved location.		All unsuitable material and debris was removed to an approved location	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Clearing & grubbing extends to the toe of fill or the top of cut slopes, unless otherwise designated.		Vegetation was removed and transported to block 6603 to be stored on the slopes.	Conformance	3/25/2019 4:14:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		A bridge removal plan has been submitted to the Engineer atleast 21 days prior to start of removal operations.		The revised bridge removal plan was submitted on November 8, 2018 which was over 21 days prior to the start of the removal operations.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		A Pre-Removal Conference has been held at least 7 days prior to beginning of removal of the bridge.		A Pre-Removal Conference was held more than 7 days prior to the beginning of the removal of the bridge.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		The removal operation that I observed followed the safety critical elements of the removal plan and I didn't see anything that was dangerous.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	The removal of the existing bridge is being performed in a safe manner.		Did not notice any safety issues during removal and demolition process.	Conformance	11/1/2018 7:55:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		The removal sequence was altered from original approved plan.		4/29/2019 4:36:34 PM -06:00	Audit Comment	Changes to the approved submittals for means and methods of construction changes are allowed. Minor changes identified by the department are noted and appreciated.	Closed
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		Performed demolition activities on 10/27/18, outside of the allowable timeframe according to safety critical plan sheet 12.		4/29/2019 4:38:24 PM -06:00	Audit Comment	Time for the demo was extended to complete the demo task and prevent risk to the traveling public.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		Did not observe proof roll prior to crane pad placement as shown on safety critical plan sheet 120.		4/29/2019 4:38:08 PM -06:00	Audit Comment	IQC did not document the proof roll. Construction staff stated a proof roll was performed. The performance of the soil below the crane pad did not appear to be an issue during the demolition operation.	Closed
Central 70	C 0704-241	Structure Demolition	Removal		<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		The removal methods were done according to the Bridge Removal Plan which has been Approved for Construction, signed by the Contractor and stamped by an Engineer.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The Contractor Engineer daily report is available onsite at all times and a copy of the previous days report has been submitted to the Engineer.		I asked for and read the Contractor Engineer daily report while at the demo site.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	The Contractor Engineer daily report is available onsite at all times and a copy of the previous days report has been submitted to the Engineer.		Unable to locate daily inspection reports in SharePoint.		4/29/2019 4:36:48 PM -06:00	Audit Comment	All quality records are now uploaded into Sharepoint and transmitted into AConex.	Closed
Central 70	C 0704-241	Structure Demolition	Removal		The Engineer's daily inspection report certifies in writing that the falsework, bracing, and shoring conform to the details of the Bridge Removal Plan.		The daily inspection report that I looked at certified in writing that the falsework, bracing and shoring conformed to the details of the Bridge Removal Plan.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	The Engineer's daily inspection report certifies in writing that the falsework, bracing, and shoring conform to the details of the Bridge Removal Plan.		Unable to locate daily inspection reports in SharePoint. See attachment for Item Num#4.		4/29/2019 4:37:01 PM -06:00	Audit Comment	All quality records are now uploaded into Sharepoint and transmitted into AConex.	Closed
Central 70	C 0704-241	Structure Demolition	Removal		Removal of Hazardous Materials is in accordance with Schedule 17 Environmental Requirements.		On the day that I made my observations, there were no hazardous materials being removed and none were listed on the Bridge Removal Plan.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		At time of this audit, this process has not been completed.	removal has taken place as of 4/29/2019	4/29/2019 4:37:19 PM -06:00	Audit Comment	Changes to the removals was delayed. KIC appreciates the oversight provided by the department. The removals depth will not affect the travelling public and will be protected by appropriate methods.	Closed
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	If an unplanned event or deviation from the Bridge Removal Plan has occurred did the contractor perform the following items occurred (prior to continuing with work) -Immediately cease work after performing any work necessary to ensure worker safety.-Submittal to the Engineer the procedure/operation proposed by the Contractor's Engineer or remedy to the occurrence or revision of the final Bridge Removal Plan. -Submittal of the Contractor Engineer's report within 24hrs summarizing the event and correction		Contractor deviated from Step 4 on, in particularly Step 8 which depicts an excavator with hammer demolishing bridge deck and barrier for Spans 3, 2, and 1 prior to demolition of columns and caps.	NCR 399	4/29/2019 4:35:30 PM -06:00	NC-2	Please see NCR-399	Closed
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		All required traffic control was in place prior to beginning the removal of the bridge structure. No detours were needed for this operation.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		Did implement York ramp shutdown and detour was in place. Implemented mobile operation for mainline traffic slowdown as depicted in MHT #129a.	Conformance	11/1/2018 7:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		The frack tank that was placed for safety was removed from the lane and the lane cleaned before reopening it for traffic.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		For partial or phased removal the remaining structure does not impose a public hazard or compromise adjacent property.		The remaining structure is safe as hazardous areas are blocked from public access.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	For partial or phased removal the remaining structure does not impose a public hazard or compromise adjacent property.		According to safety critical plan sheet 6, it was stated no work will be performed over UPRR property or within proximity.	NCR 399	4/29/2019 4:37:50 PM -06:00	Audit Comment	Please see NCR-399	Closed
Central 70	C 0704-241	Structure Demolition	Removal		Details of the removal operations were submitted by the Contractor to the Engineer 10 days before beginning bridge removal. These details show the methods, sequence of removal, and equipment to be used.		Details of the removal operations were submitted by the Contractor for Engineer review well before 10 days from the beginning of bridge removal.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		All methods and equipment used to accomplish this work have been approved by the Contractor Engineer		All methods used to demo the bridge structure were approved by the Contractor Engineer in the Demolition-Shoring Design submittal.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Penhall performed all saw cutting and adhered to this specification.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		During my observation, the contractor was removing the existing bridge in a safe manner.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		For removal of concrete on bridge decks, the operation has begun with saw cutting approx. 1" deep to a true line along the removal limits.		Penhall performed a 1" pre-cut on true lines along the removal limits.	Conformance	12/11/2018 9:19:40 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	All sedimentation and debris has been removed from the culvert and apputenant structures.		Could not inspect box culvert for debris prior to contractor capping end.	NCR 359 in place.	12/3/2018 7:58:13 AM -07:00	Audit Comment	NCR 359 is still open and the rework is being scheduled when the next phase of the box will be constructed . KIC will schedule IQC and the Department to walk the system during the repair work for debris. NCR repair have been added as a hold point during play of the day.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	Pavement marking removal method is that which was approved at the Pre-Construction Conference by the Engineer.		Preconstruction conference was held although removal method was not covered.	NCR generated	4/29/2019 2:34:25 PM -06:00	NC-2	Please see NCR-0357	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	Removal method does not materially alter or damage the surface or texture of the pavement or pose a hazard to the traveling public.		The removal did not alter the surface.	Conformance	10/11/2018 3:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Removal method does not materially alter or damage the surface or texture of the pavement or pose a hazard to the traveling public.		Conformance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Removal method does not materially alter or damage the surface or texture of the pavement or pose a hazard to the traveling public.		Conformance	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Conformance	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Conformance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		See below.	NCR generated	4/29/2019 2:34:38 PM -06:00	Audit Comment	Please see NCR-0357	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Contractor has not removed more pavement marking paint than what can be replaced with permanent marking during the same working day/period.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Contractor has not removed more pavement marking paint than what can be replaced with permanent marking during the same working day/period.		Conformance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Contractor has not removed more pavement marking paint than what can be replaced with permanent marking during the same working day/period.		Conformance	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	Removal of temporary markings on transitions has been removed by grinding or water-blasting to result in 100% removal.		The pavement markings were not removed completely in the transitions and conflicting markings were still present in the lane in the tangent section of the shift.	NCR generated	4/29/2019 2:34:46 PM -06:00	NC-2	Please see NCR-0357	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The material installed matches what is specified in the plans and conforms to the requirements set out in 501.02 (Ty. I) or 501.03 (Ty. II)		Checked the sheet piling on the ground and ones that had been installed and they met the requirements for Type I steel sheet piling.	Conformance	11/1/2018 3:34:25 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Sheetpile is driven by driving head.		The sheet piling that I observed being installed was driven by a driving head (vibratory hammer suspended from a lattice boom crawler crane that was specified in the Peoria safety critical bridge removal plan).	Conformance	11/1/2018 3:34:25 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Sheet pile is at the location specified on the plan; driven depth and cut-off elevation is as specified on the plans		The sheet piling that I observed being installed appeared to be at the location specified in the plans and tied into previously installed sheet piling. Driven depth met or exceeded the specified elevation and was driven to grade.	Conformance	11/1/2018 3:34:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Sheet pile forms a tight bulkhead and any which does not has been removed and replaced		All sheeting that I observed being installed formed a tight bulkhead and none had to be removed. The contractor had an issue with one section as the tongue/groove did not want to engage properly, so that section was laid down and another picked up.	Conformance	11/1/2018 3:34:25 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excess sheet pile is cut-off by an approved method.		All sheet piling that I observed being installed was driven to grade with the vibratory hammer and did not need to be cut off.	Conformance	11/1/2018 3:34:25 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		I checked the contractor survey stakes and all had the correct information as to orientation and the pile driving crew had the correct information about batter (none) and driving depth.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Excavation has been completed prior to driving pile?		I observed the excavation in progress and it was completed before driving any piling.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		A PDA test was run on one pile at the east abutment and a second test is set up for the west abutment for the day that pile driving resumes, either 01/02/19 or 01/03/19.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling size and type, and the pile tips matched those shown on the plans.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Pile driving equipment has been submitted and approved by IQC.		The pile driving equipment was submitted and approved by IQC.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The equipment in the field matches the approved equipment and is in good working order.		The pile driving equipment in the field is exactly what was submitted and approved, and is in good working order.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		The driving leads are adequate to prevent horizontal movement and did have a pile gate fitted at the bottom. The leads are long enough to be stabbed into the ground and fixed.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion was made of a suitable material to prevent damage to the hammer or pile.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The cushion is not made of wood, wire rope, or asbestos and appeared to be made of nylon or delrin.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		The piling was driven to refusal in natural ground at or below the estimated tip elevation.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All commercial splices have been approved by the Engineer.		The commercial splices have been approved by the Engineer, which was verified to me by Raymond Lara.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made by using a prequalified joint design and a WPS had been submitted by the contractor.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Welded splices are performed with low hydrogen electrodes.		I checked the electrodes being used and they were of a low hydrogen type.	Conformance	12/26/2018 11:57:30 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQCM reviewed and approved the on-site supervisors and drill rig operator, which was noted on the drilled shaft installation plan.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		On-Site Supervisor & Drill Rig Operator Experience is listed in the Drilled Shaft Installation Plan to be submitted under a separate cover. This submittal was unable to be located providing the required experience for the personnel. IQCM shall review and approve the required experience and personnel.		5/23/2019 7:57:03 AM -06:00	Audit Comment	Please see KMP-TRN-003573	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site supervisors & drill rig operators to be utilized for Grout Column Installation operations.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC has reviewed and approved the Safety Critical Grout Installation Plan.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC has approved KIC Drilled Shaft Installation Plan for Caisson Walls.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQCM did review and approve the drilled shaft installation plan.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The drilled shaft crew followed the steps in the approved drilled shaft plan.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Overall detailed process, to include necessary equipment, for the approved drilled shaft plan is being followed and implemented per plan.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Equipment, process, and details were followed by crew throughout grout column installation operations, as approved in the Safety Critical plan.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		1. IQC has approved the submittal for the resume of the polymer slurry tech representative assigned to the project. 2. Construction Submittal does not include a list of names for those trained by the slurry representative.		6/6/2019 10:43:42 AM -06:00	Audit Comment	list of trainees will be attached to the technical representative submittal and resubmitted.	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		IQC Inspector prepared and completed Form 1333 - Drilled Shaft Installation Form, as well as a Drilled Shaft Log depicting soils removed as drilling continued in depth.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		Form 1333 - Page 1 - Depicts the necessary equipment that was used per the Installation plan, as well as slurry results and method of cleaning for bottom of shaft.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		Documentation of concrete placement has not included a concrete yield curve (volume versus concrete elevation, actual versus theoretical).		5/23/2019 8:51:36 AM -06:00	Audit Comment	Tremie tip elevation and concrete yield curve are in our kietrac forms. Actual yield graph is being sent through email. These are recorded after every concrete truck.	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The contractor shall show bracing and any extra reinforcing steel required for fabrication of the cage on the shop drawings.		Shop Drawings depict required reinforcing rebar and bracing for respective caisson size to be utilized for the drilled shafts.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Operations were performed in a safe manner, following the drilled shaft installation plan, and utilizing construction means and methods to prevent excessive caving during the drilling operations.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor controlled operations to prevent damage to surrounding area and previously drilled holes.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The location for the drilled shaft have been adequately staked with the correct information.		Location for drilled caissons were adequately staked with correct survey information.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The location for the drilled shaft have been adequately staked with the correct information.		Shaft #12 was staked out from multiple locations to allow for proper centering of shaft per plan.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The location for the drilled shaft have been adequately staked with the correct information.		The drilled shaft location was adequately staked with the correct offset information.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	The location for the drilled shaft have been adequately staked with the correct information.		Shaft location and offset were surveyed and verified at 7:50 am before the placement of the casing.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The shaft location has been check for potential underground utility conflicts.		The drilled shaft location was checked for potential underground utility conflicts.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The shaft location has been check for potential underground utility conflicts.		Area of construction activities was checked for any potential utility conflicts, and a dig permit was granted for operations to proceed.	Conformanc e	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		The shaft location has been check for potential underground utility conflicts.		Shaft location was checked for potential underground utility conflicts.	Conformanc e	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the abutment cap foundation was completed prior to drilled shaft excavation began.	Conformanc e	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Drilling of overburden material was completed in sync with installation of the temporary casing. No additional excavation/embankment was necessary to reach the foundation cap elevation.	Conformanc e	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		The staff was used a laser level to ensure that the top of shaft elevation is correct	Conformanc e	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The casing installation was a continuous operation until it was fully seated. No splicing of the casing was required. The removal of soil material from the hole was a stop/go operation.	Conformanc e	3/28/2019 4:07:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilled shaft installation process; from temporary casing placement, to drilling, and placement of concrete, was completed in a continuous operation with no pauses or interruptions.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilled shaft excavation progressed in one continuous operation until completed. Pauses occurred for splicing of reinforcement cage.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The excavation of the drilled shaft was conducted in a continuous operation with no pauses other than casing installation when the contractor hit bedrock. The casing was covered and the contractor resumed excavation into the bedrock on the following day.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		The contractor covered the shaft with metal plate after casing installation.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Drilled shaft excavation was protected should the operation not be completed at end of shift.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Applicable specifications were being followed for the use of polymer slurry.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry conformed to the allowable ranges for density, viscosity, pH, and sand content requirements.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Effort should be made to collect all slurry and water displaced during concrete placement operations. The pump operating this operations should be monitored to continuously keep up with the slurry displacement within the casing.		5/22/2019 5:11:03 PM -06:00	Audit Comment	Slurry and displaced water is captured during placement operations and continually monitored. Released will be tracked as NCRs.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was collected and prevented from entering any travel lanes, railroad, or environmentally sensitive areas.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Minimum level of polymer slurry was maintained should the shaft excavation be paused, or not complete at the end of the shift. Specifications were complied with.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Polymer slurry level was maintained at or above the minimum required level to prevent any bottom heave, caving or sloughing of any potential unstable zones.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		All the conditions of the dry shaft construction method were met, so the contractor used that method and did not use slurry.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Excavation has been protected to prevent material or persons from falling into the hole.		The contractor restricted access to the excavation and only allowed workers with safety harnesses that were tied off to concrete deadmen to approach it.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected at all times from material or persons falling into the hole.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected at all times from material and persons falling into hole.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		Casing for shafts A3-10 and A3-12 were placed. The projection according to the drilled shaft installation plan is 3.5ft minimum. An angle iron on the casing which rested on dunnage was measured to be 3'2". Due to the nature of the excavation, 3.5 ft projection from grade was not attained. 42" is required if the crew members are not tied off. This is a safety issue. Reference the attached photos.		5/21/2019 3:18:10 PM -06:00	Audit Comment	Acknowledged and the safety concern was addressed immediately.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		Temporary casing installed to minimum height above existing surface to protect and prevent material or persons from falling in. Should casing need to be lowered any, person was properly tied off.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Excavation has been protected to prevent material or persons from falling into the hole.		The casing was left out of the ground 4 ft to ensure no one would fall in.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb, of correct diameter, and excavated material has been compared to geotechnical data to ensure adequate bearing material was reached.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb, of correct diameter, and the excavated material was compared with geotechnical information to ensure adequate bearing material was reached.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft has not exceeded the percentage tolerances in regards to location and plumbness of shaft.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The contractor continuously checked the plumbness and diameter of the shaft, and compared the excavated material to the geological information from the bore logs.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The contractor checked the depth of the excavation and the minimum embedment was obtained and documented. The contractor overdrilled this particular shaft by three feet.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft noted to have been drilled 3.08' deeper into bedrock, and reinforcing cage length was built to a length that would ensure minimum embedment was met, as well as top of caisson elevation is within the allowable tolerances.		5/22/2019 5:10:36 PM -06:00	Audit Comment	As-built information (shafts and rebar cage) are tracked and NCRs assigned if outside of tolerances.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment was obtained and documented.	Conformance	4/3/2020 4:44:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft drilled to proper elevation, and minimum embedment was obtained and documented.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Grout column drilled to proper elevation and documented that minimum tip elevation was achieved per the Safety Critical Grout Column Installation Plan.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilling, placing the cage and placement of concrete/removal of slurry occur on the same day from my observations. In the rare case, a shaft is not complete by the end of the shift, the slurry is used to maintain sidewall stability.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shafts P2-70 and P2-72 were left open overnight. The casing was the entire soil depth minimizing sidewall instability. The rock socket was exposed.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft operations did not remain open overnight, as 302-W1-C012 shaft was placed in one continuous operation from start to finish.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The shaft was left overnight but was cased for the full depth of the excavation.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	All casing (including splices) shall be watertight and clean prior to placement in the excavation.		I checked the casing and it was clean and watertight prior to placement.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The casing was smooth wall structural steel.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The temporary casing was smooth wall structural steel.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		All casing placed today was smooth walled structural steel.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		All temporary casing is smooth wall structural steel as called for in installation plan.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		The temporary casing was installed and removed without deformation	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		The casing was installed and removed without deformation.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		All of the temporary casing was removed and there was sufficient head of concrete.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary Casing removed in a slow vertical manner, while ensuring concrete head is sufficient upon complete removal of casing.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		The temporary casing was removed at the end of the shift from the previous day's placement for drilled shafts A3-13 and A3-15.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		The temporary casing was removed in the correct manner.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		The CSL tubes were filled with water and the watertight caps were installed.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		Neither CSL Testing or TIP Testing was performed on Shaft 312-W1-C012. Please provide plan for performing testing of shaft(s) moving forward with wall caissons.	Minimum testing frequency regarding CSL or TIP testing for wall shafts is being met.	5/22/2019 5:05:44 PM -06:00	Audit Comment	CSL testing of wall caissons has been changed from 1 per bent to 10%. We are now meeting that criteria	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Bottom of shaft was cleaned with a clean-out bucket and sounded at multiple locations at base of shaft to ensure base of excavation was not covered with more than 3" of loose sediment, and that a solid base has been reached.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		The drilled shaft excavation was dry, and the base of the excavation was clean with less than 1.5 inches of sediment or loose/disturbed material.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was tied such that it meets all the requirements stated with 100% tie at all intersections, double tied at intersections for at least 4 vertical bars, free from all loose bars and rigidly braced to retain its configuration and suspended off of the bottom of the hole.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was inspected prior to placement in shaft to ensure 100% tied, and all bars were in placed as shown for 48" caisson shop drawings.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was tied 100% at all intersections, and supported during placement to maintain configuration. Reinforcement was inspected and approved by IQC.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM -06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		From visual inspection, all intersections were tied and double ties where 4 bars converged. The rigging and hoisting procedure was appropriate for maintaining the cages configuration.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM -07:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The cage was 100% tied.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM -06:00	Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage did not require any splicing as planned.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM -06:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Bottom of reinforcing cage is supported by bar boots to allow for proper concrete cover at the tip of cage, and securely staying in position throughout the entirety of concrete placement operations.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Adequate number of spacer devices were installed on the shaft cage to ensure concrete cover spacing is achieved uniformly throughout the entire shaft.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed prior to placement of reinforcement cage in excavation. Proper installation intervals were met vertically on the cage.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The shaft spacers were installed at the correct locations but were split in half and wired to the reinforcing steel cage. These were not installed per the manufacturer's directions and this was also not noted on the IQC inspection checklist	502 was closed.	3/27/2019 11:54:56 AM -06:00	NC-2	NCR 0502 was written to address this issue. The NCR was closed on 3/26/19.	Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Appropriate boots and 4" spacers at 10 foot intervals were placed on the cages as the cage was placed in the hole.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The spacers were placed at 10ft intervals. The drilled shaft is 42" in diameter. 4 spacers were found. Reference the attached photos.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		The 4 spacers had a 4" radius. The clear cover meets the minimum requirements in Table under Section 503.18	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		The appropriate concrete cover was maintained during placement by the boots and drilled shaft spacers.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		The concrete cover at the bottom of the shaft was not met as the reinforcing steel cage settled 3.5 inches and the vertical bars had no rebar boots on them.	This has been documented in the field.	3/27/2019 11:55:11 AM -06:00	Audit Comment	Aldridge to install boots going forward in addition to supporting the rebar cage from the top.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover has been achieved through the use of bar boots and cage centralizers.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	For any portion of the caisson socketed in fine grained bedrock susceptible to slaking and degradation such as, but not limited to, claystone, siltstone, or shale and provided the proper slurry properties have been achieved. If the concrete is not placed within four hours of drilling, the Contractor shall drill into the bedrock an additional 1/3 of the plan specified rock socket prior to placing the concrete		Concrete placement proceeded within 4 hours of completion of excavation for the drilled shaft.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	For any portion of the caisson socketed in fine grained bedrock susceptible to slaking and degradation such as, but not limited to, claystone, siltstone, or shale and provided the proper slurry properties have been achieved. If the concrete is not placed within four hours of drilling, the Contractor shall drill into the bedrock an additional 1/3 of the plan specified rock socket prior to placing the concrete		Concrete was placed within the four hour window after drilling was completed.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		I observed as the steel reinforcing cage was placed immediately prior to concrete placement.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		Post shaft clean-out, the steel reinforcing cage was placed immediately prior to pumping of concrete with the use of tremie.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		Steel reinforcing cage was placed immediately prior to concrete placement.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The cage was placed immediately before the concrete placement.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The cage was placed prior to the concrete delivery	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		The CSL tubes were installed correctly in the drilled shaft cages with a minimum cover of 3 inches and extending 6 inches above the caisson bottom and 3 feet above the caisson top.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, whichever ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		There were 7 CSL tubes installed in the caisson, which has a 6'-6" diameter.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	CSL testing has been performed after minimum 48hrs after concrete placement, and must be completed within 20 calendar days.		The CSL test was performed 120+ hours after concrete placement as the shaft was poured on 12/05/18 and the CSL test was performed on 12/10/18.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		The CSL access tubes meet all the requirements stated and I observed the CSL test being performed and there was free and unobstructed passage of the source and receiver probes.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		The CSL access tubes meet all the requirements stated.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The concrete used is an approved class BZ mix.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used was a class BZ mix that was approved by IQC for the project.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Concrete Class BZ SCC Mix is being utilized (20-26" Spread), and was approved by the Department prior to use. Truck #2 Spread Test was documented in PC Report as a 27.5" spread, however, IQC has determined this to be a typo, and was tested to be a 22.5" spread. Please ensure documentation and reporting of testing is complete and accurate to ensure all requirements and tolerances are within conformance of the PA.	BZ Concrete with slump of 6-9" is now being utilized consistently, in place of BZ SCC Mix.	5/22/2019 5:06:59 PM -06:00	Audit Comment	Testing of spread vs slump was in discussion at the beginning of the wall shafts. At the request of CDOT, BZ concrete is now consistently using slump.	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		A slump of 8.5" was recorded for the first load delivered for drilled shaft A3-10.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ concrete was used and the test results provided it to be within specification. Please reference the attached photo.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	For underwater placement is the contractor meeting the criteria & methods of 503.19.		The shafts were left open for 24 hours after the shaft was drilled without slurry. From visual inspection the drilled shaft had no visible cave-ins and the bottom of the hole was checked prior to the concrete placement. The concrete was placed by the tremie method. During my observation, approximately 3ft of water was pumped off the top of the concrete. A combination of the wet and dry drilled shaft method was used. Please add a dry placement method to the Aldridge Drilled Shaft Installation Plan (Submittal #: C70-Ald Elec-BRG-PRC-000002) to properly ensure this sequence is encapsulated.	Acknowledged	11/13/2019 7:27:30 AM -07:00	Audit Comment	KIC will get with KFC and Aldridge about the drilled shaft installation plan additions	Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Polymer slurry was utilized for the drilled shaft operation, and concrete placement was completed with the use of a tremie and concrete pump truck.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Drilled shaft concrete placement did not result in upward or downward displacement exceeding the allowable tolerances. According to PC & IQC, concrete was placed approximately 4-5" higher than planned top of casing to account for concrete settling during curing process.		5/22/2019 5:09:52 PM -06:00	Audit Comment	correct. The drilled shaft concrete has been shown to settle 2-4 inches. This is taken into account during concrete placement.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Drilled shaft reinforcement steel did not exceed upward or downward displacement outside requirement range, as per specifications.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The drilled shaft reinforcing displacement was 3.5 inches down and therefore was in tolerance.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		No displacement of the cage was witnessed during my observation.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		This was continuously monitored throughout the placement. No displacement of the cage was observed.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The discharge end of the tremie tube was submerged to the appropriate depth throughout the placement.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Discharge end of tube for concrete placement remained submerged a minimum of five feet into concrete, and sufficient concrete head was monitored to prevent water from entering tube.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Tremie pipe was monitored throughout concrete placement operations to ensure the discharge end of the tremie remained a minimum of 5' within the concrete. It was observed to remain approximately 6-7' on average during concrete placement of Shaft 12.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was placed in one continuing operation, with no stoppage or pauses, and did not exceed the time constraints provided in the installation plan.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operations and did not exceed time in drilled shaft installation plan.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		The concrete placement was one continuous operation and did not exceed the time in the installation plan.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		The concrete placement was smooth and continuous.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Grout / Concrete is pumped in one continuation operation per the Grout Column Installation Plan.	Conformance	3/14/2019 1:15:24 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Concrete is placed without hitting sides of reinforcing cage or holes.		The pumper truck pipe did not hit the cage at any point during the placement. The ease of placement was due to low winds.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Concrete is placed without hitting sides of reinforcing cage or holes.		The operator maintained control of the boom of the pump truck to ensure the tremie pipe did not strike the cage.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	Concrete is placed without hitting sides of reinforcing cage or holes.		The concrete was placed without hitting the reinforcing cage or the side of the casing as the tremie was five feet under the surface of the concrete during placement.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting sides of reinforcing cage.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie is placed to the tip elevation of the shaft in the center of the cage and held in place to allow for placement of concrete without hitting the rebar.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The concrete at the top of the shaft is properly cured.		Post concrete placement and temporary casing removal, 302-W1-C012 was covered with blankets to allow for the shaft to properly cure for the entirety of the hydration process.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The concrete at the top of the shaft is properly cured.		Concrete at top of shaft was properly cured.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	12/13/2018 4:26:33 PM - 07:00	The concrete at the top of the shaft is properly cured.		The drilled shaft subcontractor placed curing blankets on top of the wet concrete after finishing with the concrete placement.	Conformance	12/11/2018 11:40:03 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	The concrete at the top of the shaft is properly cured.		Aldridge wrapped the placement with insulated concrete blankets once the concrete elevation was verified.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Drilled shafts P2-70 and P2-72 were drilled 24 hours after the adjacent shaft were cured appropriately.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		The drilled shaft insulation was staggered to meet this requirement. Drilled shaft A3-10 and A3-12 were installed during my observation.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		302-W1-C012 Shaft was not within the minimum distance from recently placed shafts, and therefore conforms with the specifications.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	The drilled shaft meets the tolerances outlined in 503.20		Drilled shaft construction tolerances are within the the allowable ranges; to include, plumbness, alignment, and dimensions of drilled shaft.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	The drilled shaft meets the tolerances outlined in 503.20		The crew periodically checked the alignment since the casing has a 48" diameter and drilled shaft diameter is 42"	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls	4/10/2019 9:23:36 AM - 06:00	The drilled shaft meets the tolerances outlined in 503.20		Reinforcing cage (Shaft 33) not properly installed to maintain its proper planned configuration. The cage appears to have been turned upon installation, and the #7 & #10 bars are not configured as depicted in 302-W1 Shop Drawings.	NCR No. 0913 Created	4/15/2019 6:52:39 AM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Cover	11/10/2019 7:01:47 PM - 07:00	The drilled shaft meets the tolerances outlined in 503.20		The shaft was constructed within tolerances specified in this table.	Conformance	11/8/2019 9:40:37 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		A vac truck was used at the end of the concrete placement of shaft A3-10 to remove any scum or laitance.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Post concrete placement operations, excess slurry and other segregated material was removed from the surface of shaft with raking, using special care to not disrupt the reinforcing cage.	Conformance	1/31/2019 8:28:17 AM -07:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	6/4/2019 9:11:30 AM - 06:00	Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		All projecting rebar should be addressed to clean off excess concrete splatter from concrete placement operations, as well as when the temporary casing was removed.	A protective wrapping is currently being utilized on projecting reinforcement. This wrapping is being removed after concrete placement operations, and any additional cleaning of rebar is taking place as needed.	5/22/2019 5:09:22 PM -06:00	Audit Comment	Correct. The teams have been directed to clean concrete from projection rebar.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		Projecting reinforcing steel was cleaned of excess concrete splatter.	Conformance	4/3/2020 4:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/29/2019 12:21:09 PM - 06:00	Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		The projection steel is wrapped with plastic to maintain the rebar cleanliness.	Conformance	3/28/2019 4:07:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The rebar cages that were ready to be installed were placed on dunnage. There was no dirt or foreign materials found on the cages.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Reinforcing steel observed to be protected and kept clean of dirt, including all epoxy coated reinforcement, by being placed on dunnage and organized.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All bars were clean and protected from damage.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the epoxy coated reinforcing steel in the structure was clean with no evidence of deleterious materials.	Conformance	7/16/2019 7:25:53 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel, including epoxy coated, has been protected from damage, and is free from any dirt or foreign debris.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All column reinforcing steel and its epoxy coating was protected from damage at all times, as well as dirt and other foreign debris.	Conformance	4/4/2020 3:59:53 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		protected per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Reinforcement has been inspected and approved by before concrete placement by IQC.		installed per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by IQC prior to concrete placement.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by IQC.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Ray Lara and Jason Myrvold checked the reinforcing steel the day of the night concrete pour.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing steel was inspected and approved by IQC before concrete placement.	Conformance	7/16/2019 7:25:53 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The pre-pour inspection was conducted with all the appropriate parties in attendance. It was conducted at 4:30 pm on Tuesday, August 20th the afternoon before the placement.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC performed reinforcement and clearance inspection prior to any concrete placement.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		A series of cages were inspected and tagged on Monday by IQC (Ground). The cages that were going to be installed that day were checked again before placement.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was checked and approved by Ray Lara and Jason Myrvold.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		I walked the deck infill area before placement and all reinforcement had a minimum clear cover of 2 inches.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The required spacers were 4" in diameter. 4 spacers were placed at an equal distance around the shaft and every 10ft. The spacers maintain the appropriate clear cover according to the Cover Abutment #3 42" Caisson Shop Drawings Cross Section B.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Minimum clear cover of 2", except where noted otherwise, was achieved.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the clear cover was in accordance with the plans.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had clear cover of a minimum of 2 inches.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		I walked the deck infill area and the concrete cover met or exceeded the specification.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has required clear cover per plans.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All column reinforcement has clear cover as shown on approved plans.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		spacing per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Partially embedded bars were not field bent.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No embedded bars were field bent.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No field bent bars were required in this placement.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No bent rebar was required for this drilled shaft.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded bars were placed according to project documents and were not bent using heat.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size, number of bars, location and spacing as required by the plans.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Drilled Shafts A3-32 & A3-52 were in compliance with the RP-C1 Cover ABUT 3 CAISSON shop drawings.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed reinforcing bars match the size type, number, location, and spacing required per the plans.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All bars that were installed matched the plans and shops drawings.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		I inspected the reinforcing steel and found that all installed bars matched the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, number of bars, location, and spacing as required on plans.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar installation matched the plans in bar numbers and sizes, spacing and location.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, number of bars, locations and spacing required per the approved plans.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		material per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated reinforcing steel utilized for pier columns as they will be exposed to splash from adjacent roadway.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The placement occurred at Abutment 3 between Clayton and Columbine between drilled shafts A3-16 and A3-22. The abutment would be outside the splash zone.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated reinforcement utilized where future roadway barrier is to be in place.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The drilled shafts for the Cover will be behind precast wall panels. The drilled shafts will be not be exposed to roadway splash.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Lap Splices are in conformance with plans (RP-C1 Cover ABUT 3 CAISSON shop drawings). Minimum lap splice is 7'10". The measured splice was 8'2". Reference photos.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All reinforcing steel splices were as shown on the plans.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices conform to the spacing requirements defined in the plans, as well as within the CDOT Specification Section 602.06.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices were in compliance with the plans and specifications.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices were at plan locations.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at locations shown on plans.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		I found no splices that were not in the correct location.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All splices in the structure were in the plan location.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices in adjacent lines of reinforcing have been staggered, and spaced at the length required for a lapped splice in the bar.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices in adjacent bars are staggered and spaced at required length.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Each lap splice for the bundled bars on the retained fill side of the shaft were alternating. The rebar cage for drilled shafts A3-32 and A3-52 were inspected.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		No reinforcing steel is larger than #11 bar.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		No #14 or #18 bars were used in this concrete placement.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The chairs in contact with the forms were epoxy coated.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		4 plastic spacers were placed at an equal distance around the shaft diameter and every 10ft. Plastic boots were used to keep the appropriate tolerances at the bottom of the cage.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		All reinforcing steel bar supports met the requirements of the plans and specifications.	Conformanc e	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast mortar blocks utilized to support the bottom of cage. The chairs that were in contact with formwork conformed to the requirements of CRSI Class 1 or 2.	Conformanc e	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports are precast concrete blocks per specifications for footing bars or slabs on grade.	Conformanc e	4/4/2020 3:59:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Epoxy coated chairs utilized to maintain concrete clear cover between forms and epoxy coated reinforcing steel.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocking was used in the slab on grade.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were of the required size and type.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		supports per plan	Conformanc e	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructu re	Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded epoxy coated reinforcing (dowels) was adequately supported to eliminate field damage or displacement.	Conformanc e	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructu re	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The projection steel/embedded bars are integral to the cage. The cage was monitored throughout the placement to ensure no displacement has occurred.	Conformanc e	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		There were no embedded bars in this placement. The steel post tensioning duct was supported appropriately to eliminate displacement.	Conformanc e	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcing steel was tied appropriately.	Conformanc e	8/21/2019 1:02:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		From visual inspection, all intersections were tied appropriately.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcing bar intersections were tied according to CDOT Standard Specifications Section 602.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement tied at all intersections, however, where the spacing was less than 1 foot, the intersections tied were alternated.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement was tied at all intersections, except those areas where spacing was less than 1' in each direction. In this case, alternate intersections were tied.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The reinforcing steel was tied at the required intersections according to the specifications.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections, except those locations where spacing is less than 1 foot in each direction, in which case alternate intersections are tied.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The reinforcing steel was tied at all intersections where spacing was more than 1 foot in either direction.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All wire was manually tied.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied manually.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All the forms chairs were epoxy coated.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All reinforcing steel was tied using coated tie wire.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Rebar supports are epoxy coated to go with epoxy coated reinforcing steel.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage to the coating.	Conformance	4/4/2020 3:59:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated reinforcement (projecting dowels) were free from damage and foreign debris.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		No damaged epoxy bars were found in the placement.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar kept free of damage prior to cage tying, and during concrete operations.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		The steel was spaced appropriately to ensure coated and non-coated items were not touching.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		All cut bars were repaired in conformance with the specification.	Conformance	8/21/2019 1:02:39 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		No epoxy rebar was used in this application.	Conformance	4/10/2019 8:43:15 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		I saw no epoxy coated reinforcing steel bars that required repair.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>SY-418 Temporary Track placement (Beginning 4/3/19) conforming with the approved UPRR West Shoofly Walls plan sheets, to include placement of yard ballast prior to placement of rail and ties. Rail and ties placed in a manner to limit the amount of adjustment needed by the tamping and alignment equipment. Contractor working from northern switch into the new temporary SY-418 track layout. Once aligned per plan, center line of track will be within conformance of the planned minimum 12' from edge of shoring system previously installed. Shoofly TO's, 419, 713, & Pepsi Lead planned to be brought into alignment once the SY-418 track placement has been finalized. This work has been planned for May when UPRR workforce has returned.</p>	Conformance	4/3/2019 3:15:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wall Facing	Aesthetics	3/11/2019 3:19:24 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Observed field modifications were made to MSE Wall Panels at 624-W2 in the Northeast Quadrant up next to the temporary sheet piles installed.	NCR 0773 Created.	4/29/2019 8:36:42 AM -06:00	NC-2	Please see NCR-773	Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Concrete Paving was performed in conformance with the PA, including all materials placed.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		guardrail removed per Plan to limits behind barrier wall	Conformance	3/14/2019 1:14:15 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ramp meter pedestal pole bases and foundations as well as the foundation and base for the mast arm installed as required	Conformance	12/11/2020 7:32:43 PM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Ramp Meter Pedestal Poles(North and South), 30' Traffic Signal Mast Arm, Signalized heads and bases installed as required.	Conformance	12/11/2020 7:31:41 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/24/2019 9:54:05 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Missing signs of the Havana Detour to Central Park WB to complete repairs to the Havana Off Ramp on 01/15/2019. PC was notified at 11PM of the missing signs and was supposed to address and rectify immediately.	615 CREATED	2/27/2019 1:23:25 PM -07:00	NC-2	NCR 615 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/18/2020 9:58:58 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier wall checked after existing pavement behind the wall was removed. The wall did not have the required clear space for deflection due to impact. As a result the M&S plans require the wall be pinned. Current condition the wall is not pinned. This is the third location the department has found in service and notified the Developer pinning is needed.	Discussed in NCE meeting	7/1/2020 12:56:00 PM -06:00	NC-1	This NC-1 was addressed in the weekly NCE meeting with the department back in 2019. Attention to pinning barrier has been discussed at the highest level within KMP. Management has implemented corrective actions.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/18/2019 1:41:44 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Wooden non-breakaway poles were installed within the clear zone and positive protection was not provided. Following notification on the Cat. 1 text crews removed the pole and backfilled the hole.	Closed	3/14/2019 3:53:53 PM -06:00	Audit Comment	Schedule meetings will include safety issues that can occur with work proceeding before a switch or positive barrier protection is installed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	1/22/2019 9:57:41 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawings show wall reinforcement (straps) can be skewed vertically & horizontally up to 20 degrees. This conflicts with the RFC sheets which show a max skew of 15 degrees.	response accepted	2/5/2019 1:42:53 PM -07:00	Audit Comment	The wall calculations in the shops were performed on a 20 degree skew to allow the field crews to build around obstructions if needed. The RFC of 15 degree's is the plan in the field. The calculations at 20 degrees were performed to ensure we had a 5 degree construction tolerance. The work plan the field crews use states we will install at a maximum 15 degree skew. If we needed to go to the 20 degree skew it will be a case by case basis requiring an engineer letter.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	1/22/2019 9:57:41 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawings General Note: Wall Construction #10 conflicts with the CDOT specification. It states "Backfill material shall be placed and compacted in lifts (No Thicker than 12" loose lifts)..." while the CDOT Specification 504.14 states two different lift thicknesses 4 or 8" depending on location in the reinforcement zone from the back of wall.	The depart	2/5/2019 1:42:53 PM -07:00	Audit Comment	KIC has been following the CDOT specification in the field 4-8" lifts. KIC does not plan on updating the RECO shops we will continue to follow the CDOT specification.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/1/2019 3:11:27 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During the mobile closure of the WB Havana off ramp to address a failure of the temporary pavement, the Mobile closure was not set up to properly provide enough warning to the traveling public. MHT 102 should have been followed using 2 TMA's and a work vehicle and not a single TMA located in the curve of the Havana ramp. No advanced warning was provided. Ramp was closed from 1:09PM to 1:27PM.	NCR 654 created	2/25/2019 9:48:40 AM -07:00	NC-2	NCR 654 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/1/2019 3:14:37 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Various signs throughout the corridor between Quebec & Peoria were (1) Removed and not reinstalled; (2) Removed and not installed at the location on the plans; or (3) Removed and the plans did not call them out for removal. These signs range from blue Information signs, green guide signs, yellow warning signs, & white regulatory signs. Attached is a list of some of the signs the department has identified as missing. This list also includes a One Way Sign which was removed during the fence removal operation at an intersection N. Stapleton between Holly & Dahlia.	666 created	2/25/2019 10:07:37 AM -07:00	NC-2	NCR 666 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	2/4/2019 3:39:02 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>The barrier near WB Central Park Off ramp is in improperly anchored. The Hilti Kwik Bolt 3 is to be used for concrete. In this case, the barrier is anchored to asphalt. Reference the attached photos for more information.</p> <p>Unapproved Hex bolt's were used to attach the angle iron to the barrier and not the approved Hilti expansion anchor. Check all anchored barrier for the appropriate hardware including the demoed York St On ramp.</p>	667 created	3/1/2019 9:22:00 AM -07:00	NC-2	NCR 667 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	3/8/2019 4:21:36 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The grout submittal that was provided requires the temperatures to be above 40 degrees F for the first 48 hours. The Grout was used to seal the conduits entering the ITS manhole at Sta: 2391+39 on 3/7/2019 and the temperatures are expected to be below 40 degrees over night. Chris Wilson with Sturgeon was informed of grout specifications and agreed to wrap the conduits and grout on the inside of manhole with a concrete blanket and backfill around the outside to structural backfill spec. Adam Beck with Sturgeon was also contacted and it was discussed that there is a faster setting grout with lower temperature thresholds that is going to be submitted for use.	Response acceptable	3/27/2019 10:34:24 AM -06:00	Audit Comment	Sturgeon has submitted on another grout with lower temp specifications. We also heated the grout that was poured to meet specifications.	Closed
Central 70	C 0704-241	Signaling	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Poles were installed at the locations shown in the RFC MOT plans.	Conformance	2/11/2019 10:27:04 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/14/2019 2:24:31 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Outside of the above comments the overall alignment of the wall appeared to be correct. Due to traffic the skews and width of the shoulder in the pull-off could not be measured.	Conformance	2/14/2019 12:50:24 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/28/2019 9:13:07 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		No shadow vehicle protecting work vehicle	NCR 743 was created.	3/6/2019 3:15:09 PM -07:00	NC-1	NCR 743 Created	Closed
Central 70	C 0704-241	Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work is conforming to Phase 1 Stage 0 Step 1 Colorado Blvd at I-70 EB Ramps (WMT-1701A) RFC Plan Sheet; including removal of existing signals, signal poles, mast arms. Removal operations ongoing at time of observations prior to assessment submittal.	Conformance	4/4/2019 7:28:13 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The lighting at the emergency pull off matched the quality of lights shown on the lighting work plan.	Conformance	4/1/2019 7:26:48 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	4/14/2020 12:26:40 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	4/14/2020 12:25:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	4/14/2020 12:25:15 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Ongoing excavation/embankment operations conform with grades and cross sections as shown in the Contract. Operations and progress will continue to be monitored as embankment progresses.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary service road has been agreed upon with UPRR to be utilized along 47th Street & Brighton Blvd for UPRR use and access to both ends of their yard. Vine Street to no long be planned to use for a temporary service road.	Conformance	4/3/2019 11:52:01 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		per plan or otherwise approved by Denver Water	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	11/1/2018 9:11:25 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Material requirements (i.e. crane, spreader beam, shackles) were utilized as shown and approved in most recent approved submittal. Girder pair removal process noted and approved on pages 198-199. Contractor, however, did note in Step 4 of removal process on page 118, that beam clamps would be utilized for removal.		4/29/2019 4:36:25 PM -06:00	Audit Comment	Changes to the approved submittals for means and methods of construction changes are allowed. Minor changes identified by the department are noted and appreciated.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per RFC - Advanced Signage Sheet PMT-1017, "Road Work Next 10 Miles" & "Work Zone - Speed Limit 55" signs are to be located along both right and left shoulders along WB mainline. All advanced warning signage should be inspected to ensure compliance with the RFC plans.	Advanced Warning signage observed to be double posted.	12/5/2018 11:38:07 AM -07:00	Audit Comment	Advanced warning signs are confirmed to be in place double posted on WB Mainline on the east end of the project.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/15/2018 4:07:21 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The safe to open plan shows that all signs were installed per the plan although the plans show that a Work Zone sign shall be attached to 6 different assemblies. This sign is currently missing at these 6 locations.	NCR generated	4/29/2019 2:34:20 PM -06:00	NC-2	Please see NCR-0357	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and materials furnished confirmed with contract.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	10/29/2018 10:57:07 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Patching with asphalt appeared to match existing cross slope of the roadway along both North and Southbound Brighton Blvd. Flow-line within the gutter pan from asphalt to concrete curbing should be observed to ensure no collecting of water, and uninterrupted flow to inlets. It was observed that an 8' Straightedge was being utilized instead of a 10' as required for paving, and no other inspection of the allowable tolerances, including joints, was observed. The roller was noted to sit on the hot mat after compaction, however this area was not within the traveled roadway, but as a best practice this should be avoided.	Straight edge has been noted to be on-site during recent paving operations.	11/20/2018 10:45:40 AM -07:00	Audit Comment	2 10 foot straight edges have been procured and with the paving spreads. IQC and the department have witnessed the use of the straight edges. KIC has received conformance recently for use of straight edges.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		No detailed inspection reports from PC/ IQC provide proof of correct lines and grades of the waterline installation, including the tolerances that are allowable for this installation process.	Daily reports were being utilized at this time. Checklists have since been updated and incorporated into daily operations.	4/28/2019 9:54:59 AM -06:00	Audit Comment	At this time, daily inspection reports were used. Please see C70-KMP-QCI-RPT-000286 for Brighton box. 	Closed
Central 70	C 0704-241	Lighting	Electrical	12/10/2018 12:06:00 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per Work Plan EMT-1601_EXM-001, a total of 6 poles/barrier mounted temporary lights (11 Lights) are to be installed. Plan Sheet EMT-1654 depicts that Single Sided Barrier Mounted 28-Foot Mounting Height will be utilized, however, to date (12/10/18) a total of 6 barrier mounted lights (3 poles & 3 two-sided barrier mounted 28-foot mounting height have been installed.	Meeting was held.	1/24/2019 2:32:59 PM -07:00	Audit Comment	During the recent Electrical task force meetings the topic of temporary lighting solution has been agreed upon by IQC and the department. We will install the amount of lighting required to meet one of the options in the tables of the RFC'd drawings	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Electrical	12/10/2018 12:06:00 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary Light Readings for Illuminance were taken and reported to fall below the required average per Table 2-15 of the PA. Per the work plan and what has been installed in the field, it was observed that some of the missing barrier mounted lights, and low illuminance emitted may be due to the construction entrance installed on the East Side of the Sand Creek Bridge of mainline (I-70 EB at Quebec On-Ramp). Temporary Lighting illuminance should be addressed at all locations to ensure that all lanes of mainline & temporary detours are thoroughly lit to comply with the PA.	Was Tracked by NCR 515 and completed. Lighting complies with PA where previous non-conformance was found.	2/5/2019 10:53:51 AM -07:00	NC-2		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Havana WB On Ramp: Both message boards were not turned on to guide drivers during the closure as called out on the detour plans.	NCR generated	12/19/2018 7:50:30 AM -07:00	NC-2	NCR 481 was opened.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Central Park WB Off Ramp: Both Message board were not turned on providing drivers with the detour route & the Detour Ahead sign was not moved out so it was visible to drivers. It was left behind barrier wall over 48' away from traffic.	NCR generated	12/19/2018 7:50:12 AM -07:00	NC-2	NCR 481 was opened.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/4/2018 4:50:19 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The removal and relocation of the Overhead signs for EB I-70 Havana Off Ramp and the EB I-70 Exit to I-225 do not match the plans & CDOT Specification. The signs were not covered with aluminum matching the sign backing and location [1] the sign in place does not match the plans. A	Item corrected in the field	12/19/2018 7:47:15 AM -07:00	NC-2	NCR 482 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/4/2018 4:51:06 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The existing signage warning drivers of the merge condition occurring on the EB I-70 On Ramp from Quebec was not adjusted when the ramp was re-stripped for the current traffic switch. The sign is currently installed after the new merge point. Per the MOT plans existing conflicting signage should be relocated. The Department has identified that the MOT plans are lacking in showing the relocation of exiting signage and crews in the field are overlooking relocation's of existing signs. The decision of relocating existing signage should be made by the design engineer and shall be shown on the RFC plans.	NCR progressing	12/19/2018 7:46:37 AM -07:00	NC-2	NCR 479 was opened.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/10/2018 12:04:52 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		WB I-70 "Exit 280; Havana Street 1/2 Mile; Exit Only": Was placed on a temporary sign support but does not match the RFC plans. The Exit Only portion of the sign was covered with a sheet of plywood instead of being changed to match the plans. Attached is the plan sheet.	NCR was opened and is progressing	12/19/2018 7:32:05 AM -07:00	NC-2	NCR 486 was opened.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Grade lines, cross sections and material requirement were in conformance.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal	1/14/2019 11:26:30 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Asphalt and Concrete demolition (saw cutting) operations completed along Central Park WB On Ramp towards I-270 flyover, following the planned lines to be cut at per the RFC East Roadway Demolition Plans.	Conformance	1/10/2019 11:09:07 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		all materials conformed with the contract	Conformance	8/9/2019 10:58:14 AM -06:00	C		Closed

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Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/18/2020 9:58:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was noted that barrier wall installed onsite did not have 3' of space for barrier wall deflection next to a significant drop off. KIC performed anchoring of the wall that night which was greatly appreciated by the Department. Although the anchoring installed by the crews did not match the KIE design (Hilti Kwik Bolt & location). The question was also raised if the design for anchoring covered anchoring barrier wall into asphalt vs. concrete. IQC was made aware of this issue and is chasing it out. This audit is to document the conversation & QCAT findings.		7/1/2020 12:53:50 PM -06:00	Audit Comment	This issue was resolved immediately following the identification by the Quality team.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/10/2019 9:18:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Material being placed to the south side of 615 W2 contains a large amount organic material. Per Spec 203.06 (c) Unsuitable Material. Unsuitable materials encountered in the subgrade, roadway, or embankment foundation that are determined to be detrimental to the roadway or embankment shall be removed to the depth and extents	NCR-0914 created	6/11/2019 4:15:41 PM -06:00	NC-2	NCR-0914 has been written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/10/2019 9:19:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Material being placed to the south side of 615 W1 contains a large amount organic material. Per Spec 203.06 (c) Unsuitable Material. Unsuitable materials encountered in the subgrade, roadway, or embankment foundation that are determined to be detrimental to the roadway or embankment shall be removed to the depth and extents directed by the Engineer. The excavated area shall be backfilled to the finished graded section with approved material. Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill. Materials that don't contain organics and that can be dried or moisture conditioned and compacted to the required density may be reused as embankment fill as approved by the Engineer.	NCR-0914 and 915 was created.	6/11/2019 4:16:33 PM -06:00	NC-2	NCR-0914 and 915 were written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork	4/8/2019 12:20:19 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		After witnessing the removal of the failing asphalt, it appears the base course does not meet the required thickness of 6 inches. IQC was on site and agreed with this observation. For closure of this NC please provide depth checks for the base course throughout the entire block of 6201 including the areas where the asphalt was not removed.	ncr 890 WAS CREATED	4/29/2019 12:08:57 PM -06:00	NC-2	please see NCR-890	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/5/2019 7:33:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Existing inlet # EX-IN-70E2088 was only to be capped per page WMT-1319. It appeared to have been filled.	935 was written	5/14/2019 3:48:40 PM -06:00	NC-2	NCR-0935 was written to track this issue	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All conduit installed as required per CDOT standard specifications	Conformance	7/24/2020 3:27:38 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Formwork, concrete placement, and stripping of cap beam for 302-W1 Wall conformed to the plans and material requirements as shown in the Contract.	Conformance	3/25/2019 7:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Identified as no conflict	Conformance	4/18/2019 8:06:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		work completed per plan	Conformance	4/18/2019 8:07:00 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		work completed per plan	Conformance	4/18/2019 8:07:30 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls	3/15/2019 5:20:40 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		No engineered plan drawings for placement of grout columns. Please provide plan for future grout columns and layout for installation.	Memo provided.	3/25/2019 5:14:01 PM -06:00	Audit Comment	Engineered Memo was provided to the department on 2/13/19. The memo was reviewed with the department.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	3/21/2019 9:25:13 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		1) WB Havana Exit Only sign was relocated where it is blocking the Central Park 1/2 mile sign (2) The WB I-270 1/2 Mile sign was installed so it is blocking the Central Park Exit Only sign. None of these signs have been installed at the locations per plan and have been in this position for weeks.	837 created	3/26/2019 9:21:51 AM -06:00	NC-2	NCR 837 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	3/15/2019 5:19:35 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Construction accesses were not properly barreled after shift by all crews on 3/11/2019 or 3/12/2019 prior to storm. Please refer to sheet EMT-1010A that shows barrel spacing of 25' when not in use. Multiple locations (examples: 270 pier 3 access, Havana On ramp to EB, Alleys along 46th, Old York street on ramp). This should not be an MOT issue as it is crew responsibilities to close up after themselves.	824 created	3/26/2019 9:21:12 AM -06:00	NC-2	NCR 824 Created	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	3/21/2019 9:23:22 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary pavement is not being constructed per the plans the curb at this location was left in place while the RFC plans states that the curb & gutter should be removed.	821 written	5/14/2019 3:45:11 PM -06:00	NC-2	NCR-0821 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal	3/26/2019 2:00:32 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Based on the dimensions shown on the plans, the curb located in the center median should have been removed. Temporary asphalt should match existing asphalt, on a vertical saw cut. Several edges were not vertical or clean edges. In the east and west section MOT plans, note 1 references the removal of curb and gutter. This note was missed on the RFC'd center mot plans in this location.	curb was removed per plan.	9/26/2019 9:21:32 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal	3/26/2019 2:00:32 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary asphalt at 5202 is not following the temporary pavement report. Paving on top of curb and gutter is not addressed by the EOR in the RFC'd report.	asphalt is being monitored will current procedures	9/26/2019 9:21:51 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	MHT Implement ation	Maintenan ce of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 168 was set up properly.	Conformanc e	3/26/2019 12:26:52 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implement ation	Maintenan ce of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 164 was set up properly.	Conformanc e	3/26/2019 12:26:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 165 was set up properly.	Conformance	3/26/2019 12:26:52 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The deep foundations rebar shop drawings were submitted and reviewed with no comments. The shop drawings are in compliance with the PA and plans.	Conformance	10/26/2019 8:50:32 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls	5/14/2019 8:57:43 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Failed to follow RFC Plan Sheet Notes regarding drainage installation within proximity to MSE & CIP Retaining Walls at 402-W1 MSE Wall (Sheet W190-03). Note #1 clearly states "Proposed storm sewer shall be installed prior to excavation and construction of MSE retaining walls." Leveling Pad at N. Colorado Abutment was placed 5/13/19 after the Department discussed with the Developer this finding prior to concrete placement.	NCR 1019 Created.	5/16/2019 3:30:30 PM -06:00	NC-2	NCR 1019 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	5/15/2019 6:08:08 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sawcut for proposed 24" RCP Lateral connection to CBC between York and Josephine (Sheet DPP-006 - East of Junction Chamber) was made directly at gasket between two CBC boxes. FDC-000073 Detail was not followed at this location, as the detail does not depict a connection being made at the gasket.	NCR 1084 Created.	6/12/2019 7:17:45 AM -06:00	NC-2	This issue will be resolved in NCR-1084	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	5/16/2019 11:27:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The height of the precast concrete barrier placed on the westbound I-70 bridge over Dahlia does not meet the requirement of the material submitted for testing, which was 32 inches.	Item being tracked by NCR-1025.	5/29/2019 7:30:56 AM -06:00	NC-1	This item is tracked via NCR-1025. See C70-KIE-TRF-DWG-000002 Rev 02 transmitted via KMP-TRN-007435.	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	5/16/2019 11:27:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The precast barrier placed on the westbound I-70 bridge over Dahlia is not pinned according to the detail and there is a note on the submittal that states this precast barrier is not to be used on bridge decks.	Item being tracked by NCR-1025.	5/29/2019 7:31:03 AM -06:00	NC-1	This item is tracked via NCR-1025 Work completed night of 15 May 2016	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	5/9/2019 4:54:10 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During the full closure crews did not plug the scuppers in the barrier wall per the RFC plans. The department was told crews would plug these during the week following the closure. But since the full closure crews have not returned to plugged them. Failure to plug these scuppers has the potential of creating a safety issue for the motoring public during a rain event. These scuppers should be plugged per the plans immediately.	ncr 1003	6/25/2019 1:04:19 PM -06:00	NC-2	Please see NCR 1003	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Crew was performing installing on the pipe shown on the plans.	Conformance	5/7/2019 3:38:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	5/20/2019 12:04:16 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Permanent Drainage was supposed to be installed per the MOT plans (TCPs) in the north west quadrant of Peoria & I-70. Drainage has not been installed and the work limits were extend closer to traffic than shown in the current phase on the MOT plans. As a result the existing ditch was filled with embankment and a pond was created not per plan. Attached is the plan sheet for this area.	NCR 1051	6/25/2019 10:38:26 AM -06:00	NC-2	This issue will be resolved through NCR-1051	Closed
Central 70	C 0704-241	Substructure	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reinforcement Inspection, placement of reinforcement, to include inspection of clearances within the forms, and finally placement of concrete, was all performed in conformance with the plans and Contract.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		12" Slotted Trench Drain was installed as scheduled and planned during the I-70 Closure (April 12-14th) to include connecting trench drain to existing drainage structures and pipes (temporary & permanent).	Conformance	4/18/2019 3:42:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads	4/16/2019 12:33:13 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Failed to install 24" CMP at approved location per Submittal #D05.04 - Ph. 4 Abutment 1 and CBC Shoring Package. KIC instead trenched and placing CMP within the shoring soldier piles along the east side shoring wall of West Shoofly Walls. This deviates from the approved UPRR West Shoofly Wall Plans as no CMP included within this section of the shoring. See attachment for approximate location of install.	928 was created.	5/10/2019 8:00:18 AM -06:00	NC-2	This issue will be resolved through NCR 928.	Closed
Central 70	C 0704-241	HMA	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All HMA placed was not an approved mix design.		5/20/2019 8:38:42 AM -06:00	Audit Comment	NCR #927 has been written to address this issue. Future Temp Pavement shall be IQC Approved prior to placement.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The asphalt installed does not follow the profile shown on the plans. It also appears that the pavement shape does not follow the plans. The plans show the pavement running along the back of curb but several locations it pulls away from the back of curb then weaves back out. It also shows a different profile than what is currently constructed. The profile currently rises abruptly after Glencoe levels out then dips at Grape. The plans shows a smooth rise between Glencoe & Grape followed by down slope from Grape toward Holly.	Ncr 0985	8/12/2019 11:52:54 AM -06:00	NC-2	NCR 0985 was generated to track this issue	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Upon delivery, verify receipt of proper material certifications. Inspect pipe and coating material for cracks, defects, and damage that may have occurred during shipping. Verify that smooth lined pipe is being used for irrigation and storm drain systems.		PC performing Material Receiving Reports, per the PA, to verify the product meets material certifications and that the CBC is free of cracks, defects, or other damages that may have occurred during transit to site.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rubber gasketed joints conform to the requirements of ASTM C443? (Spec Subsection 705.03 Special Provision)		gaskets matched the requirement	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Rubber gasketed joints conform to the requirements of ASTM C443? (Spec Subsection 705.03 Special Provision)		Rubber gasket does confirm to the requirement of ASTM C443. Note: However in ACONEX it's reviewed with comments. The assessment is a DVR-603-000-DMERENICH33	cLOSED	3/27/2019 11:53:31 AM -06:00	Audit Comment	The referenced Aconex assessment DVR-603-000-DMERENICH33 was closed as conforming on 9-12-18. Gasket submittal is in place and approved C70-KIE-DRN-ML-000033	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Safety critical plan was submitted and approved.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Safety Critical plan is in place	Conformance	1/15/2020 1:47:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/14/2019 8:55:18 AM - 06:00	Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Per the shoring safety critical plan positive protection was not installed to protect workers & the work area from traffic. Crews excavated a hole within the clearzone of the WB Havana on ramp without positive protection putting the worker area and motoring public in danger. Crews addressed the issue by installing barrier the first night shift after the issue was found.		5/20/2019 8:16:19 AM -06:00	Audit Comment	The barrier was fixed immediately after notification was given. KIC is implementing a plan for construction zones near barrier	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Each drainage crew followed the SOP's for Excavation and Trenching. A trench box was used throughout the placement of the pipe. Backfilling the pipe with #67 stone occurred concurrently with the pipe placement.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Safety critical plan submitted and approved	Conformance	4/29/2019 12:11:29 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		submitted and approved	Conformance	4/18/2019 8:08:47 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		safety critical plan submitted and approved	Conformance	4/18/2019 8:09:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey at the beginning of the full weekend closure to mark the appropriate trench areas for saw cutting. The pipe was centred within the excavation.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Manholes and inlets are staked, but are not yet in place. Foreman says that a gas line needs to be relocated to the opposite side of the roadway before this work can be done.	Conformance	1/15/2020 1:47:43 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Gaskets used for jointing	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Gaskets installed per spec	Conformance	1/15/2020 1:47:43 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were installed on pipes.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Underground utilities were located and potholed prior to excavation.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		A pothole truck was on the job site the first half of the weekend to help locate tie ins to existing drainage pipes.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Underground utility conflicts located and/or potholed and resolved.		Clay utility conduits and 24" RCP was found in the excavation. Both were abandoned before removal.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Conflicts have been identified, but scheduling has not resolved those issues yet.	Conformance	1/15/2020 1:47:43 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Underground utility conflicts located and/or potholed and resolved.		per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Underground utility conflicts located and/or potholed and resolved.		All underground utilities were properly located and identified.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Trench bed has been properly graded and compacted		Witnessed trench bed properly graded and compacted.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Bedding used is Class 1 Backfill	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Trench bed has been properly graded and compacted		Trench bottom, subgrade, has been properly graded and compacted. Compaction testing was performed to ensure suitable prior to placement of CBC bedding.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Trench bed has been properly graded and compacted		The crew used an aluminum level to screed the grade to ensure the proper slope. A plate compactor was used before placing the next section of the box culvert.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		The trench excavation was deep enough to meet the required depth of bedding beneath the pipe. #67 Stone was used for backfill and does not require compaction.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rock encountered during trenching has been removed to 12" below grade.		Rock was not encountered during the excavation.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		The elevation was appropriate to make the required tie ins to the slot drain.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Alignment and elevation of trench matches the plans and specifications		A pipe laser was used throughout the day. The proper safety measures should be taken at the end of the day to retrieve this equipment. The culvert was closed up for the shift. An individual went down the manhole into the confined space without communicating his intentions. Proper communication would have been key.		5/10/2019 7:55:53 AM -06:00	Audit Comment	Understood and agree. The JHA reflects confined space and entry/exit of the culverts/pipe.	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment of the CBC, as well as elevation, complies with the plans and tolerances within the specifications.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment per plan	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width is a minimum of 1'-6" from each outside face to ensure proper compaction may be achieved in successive lifts. The trench bottom conforms to the minimum depth of 3" in soil, as called for within the M&S Standards.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Excavation per spec	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM -06:00	Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The trench width and depth were adequate for the precast element.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The trench width was 7ft wide for an 18" RCP element. Reference photos	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The bedding/fill around the pipe was a #67 stone. This material was agreed upon by the appropriate parties before the weekend work began. The depth was in conformance of the M&S standards (M-206-1).	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Check the type and depth of bedding for conformance with M&S Standards.		The depth of bedding does not conform to the M&S Standards. Two different measurements were taken. They were found to be 4.75" & 5.5" inches respectively. Reference photos for measurements and locations.	849 was created	4/2/2019 12:45:41 PM -06:00	NC-2	This will be resolved in NCR 0849.	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/25/2019 1:52:23 PM - 06:00	Check the type and depth of bedding for conformance with M&S Standards.		Bedding does not meet CDOT standards in material and does not meet CCD standards for depth. Please see attached pictures. This is for the 3rd section of CBC from west going east.	849 created	5/14/2019 7:27:05 AM -06:00	NC-2	NCR-0849 has been written to track this issue.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 (3" below pipe to 1' above)	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Check the type and depth of bedding for conformance with M&S Standards.		Bedding material and depth of bedding were in conformance.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The Developer and Department discussed and agreed upon a minimum of 6" of Class 6 Bedding material to be placed, as well as 0.5" +/- of Class 1 material for ease of constructability (i.e. leveling, setting, and placement of CBC).	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		When conduits are to be installed in new embankments, the embankment shall first be constructed to the required height of at least 0.3 times the outside diameter or raise of the conduit, and for a distance each side of the conduit location of at least 5 times the diameter or span of the conduit, after which the trench shall be excavated and the conduit installed.		The pipe was installed in the existing in-situ roadway embankment.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		The pipe was an 18" RCP which is conformance with the plans.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	Pipe matches the class, size and type shown on the plans.		Material used for slotted trench drain pipe was observed to be in conformance of submitted material, and of the type and size shown on the plans.	Conformance	4/18/2019 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe placed matches class, size and type as shown in the plans.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe size matches plan	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Pipe matches the class, size and type shown on the plans.		CBC matches the approved RFC plans for class, size, and type.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Pipe matches the class, size and type shown on the plans.		All box culvert structures placed matched approved APL.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		Damaged pipe was found in material on site and crews marked it planning to cut off damaged end and use at tie in/out of a box.	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		Witnessed no box culvert structures damaged prior to installation.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No pipe was found to be damaged during periodic visual inspections.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench excavation consisted of removing sawcut asphalt, concrete, and soil beneath to the planned depth. Trench width and alignment was observed to be in conformance, and survey was observed to perform frequent alignment checks.	Conformance	4/18/2019 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		began and downstream end and pipe was checked with the laser & target as it was set	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Foreman stopped and verified his laser is on line.	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Meets spec	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench excavation completed correctly with the assistance of construction shoring system. Prior to placement, and during placement, of CBC, frequent alignment and elevation checks were performed on the CBC to ensure flow-line smoothness.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Placement at downstream end	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Pipe placement begun at downstream end?		CBC Installation began at the downstream end and proceeded upstream.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM -06:00	Pipe placement begun at downstream end?		12" Slotted Drainage Pipe (Trench Drain) was observed to be placed beginning at the downstream end.	Conformance	4/18/2019 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		The pipe placement started at the downstream end.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Class 1 material was placed up to springline of pipe.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		All pipe placed was in contact with bedding material at the proper flow line.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		From visual inspection, the entire length of each pipe was in contact with the bedding.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM -06:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		By using an aluminum level as a screed and a plate compactor. The crew was able to ensure full contact between bedding and box.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM -07:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Witnessed box culvert structures being properly placed and flow lines checked.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe rests in contact with bedding	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe bedding material properly graded to ensure entire length of CBC rests in contact with the bedding.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end upstream	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM -07:00	Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Box culvert structures grooved ends were placed properly.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Placed correctly with bell end upstream and the placement started at the downstream end.	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		The bell end of the pipe was placed upstream.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell of pipe was placed upstream.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Ensure that all lift holes are properly plugged.		All lifting holes were properly plugged with approved material as specified in Standards and Specifications.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		Pipe defects and damage corrected prior to placement	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM -06:00	Damage or displacement to pipe or structure corrected before backfill		No damage was witnessed before the placement of each box section.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Sanitary Sewer lines pressure tested for water tightness prior to backfilling		testing performed by CCD and approved	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		backfill per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM -07:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		All backfill material was placed on both sides of box culvert structures simultaneously.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Requirement met	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Lifts acceptable	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM -06:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Each side of the culvert was backfilled and compact at the same time. IQC and PC were conducting 12" tests throughout the day. The 6" lift thickness was not enforced. The crew did place 12" paint marks on the culvert to aid in the effort. Reference photos for more information.		5/14/2019 7:30:54 AM -06:00	Audit Comment	IQC and PC verified the marks on the side of the box culvert were 8" loose. PC and IQC test using 8" depths. This process catches 2" of the previous lift.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" compacted lifts.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Each side of the pipe was simultaneously placed.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material consisted of concrete placement to top of trench with a slope inwards to slotted drain pipe for flow. Per the Slotted drain plan Model 4-11-19.pdf, concrete backfill was to have been a combination of both Class B/D/P 4500 PSI Mix on bottom of trench & Class E 7150 PSI Mix on the top. Only Class D Standard 4500 PSI Mix was observed to have been used.	Class D concrete utilized for its higher quality, and will perform as needed and planned.	4/29/2019 8:45:08 AM -06:00	Audit Comment	Correct, only D concrete was placed due to known performance of this material and its higher quality.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		#67 Stone was used as backfill. Compaction cannot be taken on this material.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was achieved in lifts. PC and/or IQC achieved passing density tests at required intervals.	Conformance	12/4/2019 6:21:51 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Proper compaction was obtained prior to placing successive lifts.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Required compaction obtained prior to placing successive layers		IQC and PC staff were using Nuclear gauges to ensure proper compaction was obtained at the required frequency. The moisture content of the material was rather inconsistent. There was a water truck onsite the entire day. So the crew was able to adjust appropriately to get the moisture within the +/- 2.0% of optimum.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		IQC checked the compaction per schedule	Conformance	1/15/2020 1:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Required compaction obtained prior to placing successive layers		Proper compaction obtained in each layer of backfill prior to the placement of layers on top.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Class 1 backfill failed first IQC test. The foreman reworked the area and IQC retested the backfill getting a passing test.	Conformance	12/18/2018 2:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	12/3/2018 12:23:40 PM - 07:00	Required compaction obtained prior to placing successive layers		Proper compaction was obtained on all lifts and density tests performed and passed.	Conformance	11/15/2018 8:06:14 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Required compaction obtained prior to placing successive layers		compaction testing per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		In-place pipe checked for damage prior to backfilling and again before accepting project		All pipe placed was checked prior to backfilling.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Pipe and structures must be cleaned prior to acceptance		The crew used a broom throughout the operation to clean the nuisance material that made its way into the culvert before the placement of the next section.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	3/26/2019 2:02:41 PM - 06:00	Trenches in roadway resurfaced before opening to traffic		Backfilling the area wrapped up on Sunday afternoon. Dylan Gibbons was onsite to witness this. The cold patch was used to cover the area before it was open to traffic. Proper resurfacing will occur in the coming days once the box culvert is extended past the curb line. Reference the attached photos.	Conformance	3/25/2019 4:00:58 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trenches in roadway resurfaced before opening to traffic		Filter fabric was placed over the stone then asphalt was used to bring the crossing up to the existing asphalt. These observations were completed during the day shift. The pipe placement was not complete by the end of the night shift.	Conformance	4/15/2019 9:26:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	4/19/2019 8:26:39 AM - 06:00	Trenches in roadway resurfaced before opening to traffic		Where necessary (i.e. slotted drainage pipe connection to temporary 18" pipe crossings), trenches were resurfaced with the proper material and to the correct grade and cross slope prior to opening to traffic.	Conformance	4/18/2019 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Trenches in roadway resurfaced before opening to traffic		per plan	Conformance	3/1/2019 9:09:41 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Trenches in roadway resurfaced before opening to traffic		Trench in roadway, once compacted correctly with proper lifts, was resurfaced with temporary asphalt and striped prior to opening to any traffic.	Conformance	4/12/2019 1:08:57 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2018 4:49:33 PM - 07:00	Exit 279B (*CO-11) / Crossroad Name - Central Park Blvd - WB		LCR showed correct times	Conformance	12/4/2018 11:43:42 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/26/2018 2:32:59 PM - 07:00	Exit 279B (*CO-11) / Crossroad Name - Central Park Blvd - WB		[1] - The ramp closure was in compliance with the allowable time frames.	Conformance	12/18/2018 2:21:56 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	The Contractor shall notify the Engineer at least five working days prior to beginning excavation.		Notification was one day and the vehicle for notification was the POD		3/19/2020 7:42:27 AM -06:00	Audit Comment	Acknowledged. Winter activities can be tough to schedule. POD and 3 week schedule meetings are the best venues for notification.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Review Excavation Definitions		Per plan	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		If the material is found to be unsuitable, it must be replaced with a material that is suitable for use as an embankment foundation.		Suitable material found to be utilized for embankment foundation.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were all located.	Conformance	5/11/2020 10:42:48 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities (i.e. fiber lines) were located and dig permit was up-to-date for excavation operations.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located and backfilling was in accordance to the spec.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		No utilities	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Location of utilities was laid out prior to any work taking place.	Conformance	11/20/2019 8:11:10 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		No utilities in the area of 6605.	Conformance	3/25/2019 4:14:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		No significant environmental measures necessary	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Silt fence was properly installed.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Environmental aspects fall within compliance during excavation operations.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Conformance	Conformance	4/12/2019 1:11:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Review the types of excavation that will be required for the project		Reviewed	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Review Embankment Placement and Compaction Requirements for (a) Soil Embankment, (b) Rock Embankment and Rock Fill and (c) Use of Recycled Concrete and Asphalt		Soil embankment used and compacted.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Become familiar with the typical sections of the Contract Plans.		Appeared to be in conformance with Typical Section. Witnessed Survey.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Verify that slope stakes are properly set		Did not visually see any slope stakes for the construction of the East or West side. Survey points were painted on columns and Retaining Walls. Project has been modeled for GPS equipment.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Verify that slope stakes are properly set		Slope stakes placed at 20' away from edge of viaduct columns designating the "no dig zone". Top of slope will be at this location and properly sloped down from there to base of excavation.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that slope stakes are properly set		All slope stake were properly set	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Visually check staking for obvious irregularities (e.g., off right of way).		Work being performed within the permitted area. No visual irregularities noted.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Visually check staking for obvious irregularities (e.g., off right of way).		Conformance	Conformance	4/12/2019 1:11:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Visually check staking for obvious irregularities (e.g., off right of way).		Staking was checked.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Visually check staking for obvious irregularities (e.g., off right of way).		The stakes were visually checked in relation to Columbine St. Reference the comment #9 below.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Visually check staking for obvious irregularities (e.g., off right of way).		No issues	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	1/16/2020 7:25:13 AM - 07:00	Observe the area for unsuitable material and wet spots.		No issues	Conformance	1/15/2020 2:05:08 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the area for unsuitable material and wet spots.		Area was constructed with suitable material.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		No unsuitable material or wet spots were observed.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Observe the area for unsuitable material and wet spots.		Witnessed no unsuitable material being placed. During Proof Roll wet spots were identified and corrected by the contractor.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	Observe the area for unsuitable material and wet spots.		3 areas were observed for unsuitable material and wet spots. Material was removed from site.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		No unsuitable material remained after excavation.	Conformance	5/11/2020 10:42:48 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		No observed excessive wet spots, or unsuitable material, was noted.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		Area was constructed with suitable and material and no wet spots were visibly noticed.	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify removal or treatment based on the direction given by the Project Engineer.		Top 1' of material is being removed and hauled off per the PA.	Conformance	11/20/2019 8:11:10 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Be alert to any condition that could indicate a possible slide area		Current excavation method should be monitored, and potentially changed to ensure that a possible slide area is not created. See attachment. Contractor noted the area would be properly sloped as excavation proceeded to planned limits.	Excavation methods will be monitored frequently by PC and IQC.	5/13/2019 6:48:11 AM -06:00	Audit Comment	Acknowledged. Slopes are monitored frequently by PC and IQC.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Be alert to any condition that could indicate a possible slide area		The contractor adjusted the slope on the left side of the 615-W2 slope to meet the 1.25:1 requirement.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Stakes and control points are all still intact.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Make certain the Contractor preserves slope stakes and control point references during the operation		Top of slope stakes were preserved as carefully as they could for reference during excavation/embankment operations.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Control points and stakes were preserved.	Conformance	4/2/2020 6:51:51 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Clearing and grubbing was completed.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Area is being properly cleared, to include removal of asphalt, curb and gutter, sidewalk, etc. as well as the top 1' of material as called out in the PA.	Conformance	11/20/2019 8:11:10 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Area properly cleared and grubbed, to include removal of top 1' of material.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Verify that the site has been properly cleared and grubbed		Area was properly cleared and grubbed, to include removal of the top 1' of material as required per the PA.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Conformance	Conformance	4/12/2019 1:11:33 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Verify that the site has been properly cleared and grubbed		Location, Frontage Road & Northwest of Colorado Blvd., was properly cleared and grubbed (to include the top 1' of material), stockpiled, and hauled off site. Earthwork was performed in the area, and graded to allow for ease of access and for future construction work in the area.	Conformance	3/18/2019 7:34:40 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Verify that the site has been properly cleared and grubbed		Site observed to have been properly cleared and grubbed, to include removal of all trees, shrubs, bushes, etc., as well as the top foot of material for all locations West of Colorado Blvd as stated within the PA.	Conformance	4/15/2019 10:37:04 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Area was properly cleared and grubbed	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		All topsoil and grass in the wall excavation was removed.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed. No signs of organic or foreign material noticed.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Observe and report noticeable changes in excavated material with regard to type, texture, and color.		No noticeable changes in material being placed.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Observe and report noticeable changes in excavated material with regard to type, texture, and color.		The soil on site at the excavation appeared very uniform.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Observe and report noticeable changes in excavated material with regard to type, texture, and color.		No noticeable changes in excavated material was noted, in regards to type, texture, and color. Where concrete and/or asphalt was found and excavated, a separate stockpile of material was created to be hauled off separately from rest of soils.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Approval of embankment material is contingent on the material meeting the Atterberg Limit and gradation requirements specified in the Contract		Please provide location of proctor and test results.	Results have been documented.	11/6/2018 9:15:39 AM -07:00	Audit Comment	PC test results are available in SharePoint quality PC inspection and tests. IQC test results are available in Spectra quest and/or SharePoint in IQC tests for temporary work.	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		The topsoil in the area was removed and I noticed no organics in the material at the wall excavation.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		Conformance	Conformance	4/12/2019 1:11:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM -06:00	Observe that rounding along the top of cut slopes is performed where specified.		Top of cut slopes were rounded as planned and specified.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Due to inlets being higher than subgrade drainage of the area was very minimal and the excavated area was holding water following a precipitation event.	Conformance	4/12/2019 1:11:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		No damage to embankment was observed after placement.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Ensure that the Best Management Practices for water quality control are monitored as required		The contractor had installed some BMP's and added additional ones after a site visit from Emily Koenigs.	Conformance	1/9/2019 1:37:52 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Ensure that the Best Management Practices for water quality control are monitored as required		Inlet protections were in placed. However inlets were blocked.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM -07:00	Ensure that the Best Management Practices for water quality control are monitored as required		Denver water has been contacted to perform disinfection testing of the water main as a part of the testing requirements, and to ensure best management practices for water quality control (10/30/18).	Conformance	11/6/2018 9:28:52 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Ensure that the Best Management Practices for water quality control are monitored as required		BMPs per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Ensure that the Best Management Practices for water quality control are monitored as required		Area is being continuously monitored in regards to BMPs in place during excavation operations. This includes street sweeping, watering as dust control, and inlet protection along city streets.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Verify that slopes and transition areas are being treated as specified with regard to keying the new material		Per 208 Specifications, all slopes shall be tracked vertically or surface roughened at the end of each shift as a form of slope control. All grading crews should ensure this is being completed prior to end of each shift.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that slopes and transition areas are being treated as specified with regard to keying the new material		Transition areas were treated properly.	Conformance	5/11/2020 10:42:49 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material was clean and free of organics.	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		fill per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		I observed no organics or frozen materials in the fill material and it was uniformly mixed.	Conformance	12/4/2018 11:42:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM - 07:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Backfill consists of imported sand materials from Aggregate Industries around the pipe material, including bedding, and followed by existing material that is moisture conditioned and uniformly mixed. Organic material has not been observed to be removed. Per PC, unsuitable material has been found previously, and replaced to ensure stable and compacted area per the specification.	Conformance	11/6/2018 9:28:52 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Contractor followed CDOT Standard Spec 203.06	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		All embankment material used was free of organic and frozen material and was mixed uniformly.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		All embankment placed was free of organics.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		All embankment material used was free of organics and frozen material.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material is free of organics.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		All material being placed has been free of organics and no frozen material has been witnessed.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Concrete rubble that has been placed is within the allowable dimensions.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Concrete and asphalt chunks are being removed and disposed off properly. They are being utilized elsewhere where applicable and allowed.	Conformance	11/20/2019 8:11:10 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Asphalt chunks were removed.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No rocks or concrete used were larger than the allowable dimensions.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	12/13/2018 4:27:27 PM -07:00	Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Concrete chunks placed in the fill exceeded the maximum dimension as identified in 203.03 (greater than 24 inches).	NCR 552 was added.	1/24/2019 2:24:50 PM -07:00	NC-2	This issue is being tracked with NCR 552 on block 6217	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Does not appear that embankment material placed had any signs of rocks, concrete, or asphalt. Material was clean.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Material witnessed being used for backfill was free of concrete and asphalt chunks.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		The material that I observed being placed and compacted had no chunks of any material larger than allowable.	Conformance	12/4/2018 11:42:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		The contractor did a good job of placing lifts of material that were in conformance and did not exceed the allowable maximum thickness.	Conformance	12/4/2018 11:42:55 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		fill per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM -07:00	Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		PC/ IQC failed to provide proper documentation of inspection (lift thicknesses, proper compaction per lift, witnessing of proper compaction/density testing, etc.) for the re-work of the waterline due to the gate elevation issue at Vine Street that was determined by Denver Water inspector and PC. Re-Work Inspection reports/documentation/pictures were requested 11/2/2018 from IQC.	Addressed in NCR 0414.	4/28/2019 9:47:46 AM -06:00	NC-2	Please see NCR-414	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Contractor followed CDOT Standard Spec 203.07 (a).	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		All lifts noticed were placed in allowable maximum thickness.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		All embankment material was placed within allowable maximum thickness.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Lifts appear to have been placed per spec.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material has been witnessed being placed in uniform allowable maximum thickness.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Lift thickness was measured and was 8 inches loose.	Conformance	3/25/2019 4:14:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Class 2 material was used.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Embankment material was placed in accordance to the Spec.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		All lifts noticed were placed in 8" lifts and compacted using a static roller and a plate compactor.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Embankment material used was in accordance to the Standard Spec 203.07. Placed and compacted according to spec.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		The embankment material fell within the proper classification and was placed using the appropriate methods specified for that material.	Conformance	12/4/2018 11:42:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		I talked several times with the material testers from Vivid and confirmed that the compaction of the material met the requirements for moisture content and density.	Conformance	12/4/2018 11:42:55 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Observe the compaction operation for uniformity with respect to moisture content and target density.		IQC made changes as necessary. final fill per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM -07:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		See evidence from Item #4. Only one test from IQC technician (GROUND) was able to be supplied when requested for all re-work in this area.	Addressed in NCR 0414.	4/28/2019 9:48:06 AM -06:00	Audit Comment	Please see NCR-414	Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM -07:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction was achieved for proper moisture content and target density.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		All tests observed had passing moisture and dry density results.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		Observed compaction and density tests. Density tests were failing at first. Contractor then pulled another sample of material being placed. Results came back with a lower Proctor. All tests witnessed there after were all passing. Witnessed IQC testing.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		PC and IQC were on site observing compaction and densities.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		All compaction observed was done uniformly.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was observed. Density tested were performed and passed.	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction occurred per spec. Eastern most section is not yet completed.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Witnessed several density tests being performed. Failing test areas were corrected and retested with passing results.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Crews appeared to be following a roller pattern. IQC was onsite during placement and compaction. Embankment material was coming from 5109 (AP-109 location)	Conformance	3/25/2019 4:14:33 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Monitor the operation of specialized compaction equipment for compliance.		Contractor is compacting fill area with heavy sheep's foot roller and is in compliance.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	Monitor the operation of specialized compaction equipment for compliance.		Witnessed specialized tamper being used.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Monitor the operation of specialized compaction equipment for compliance.		Contractor was in conformance with CDOT Spec 203.07 (a)	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM - 07:00	Check that the top two feet of embankment is constructed with rock free material.		Existing material is being used for embankment backfill, consisting of rock free material within the top two feet. During the backfill process, fill was changed to material from Brighton stockpile, which also did comply with being rock free material within the top two feet.	Conformance	11/6/2018 9:28:52 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Check that the top two feet of embankment is constructed with rock free material.		Verified the top 2' of embankment was constructed with rock free material.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Check that the top two feet of embankment is constructed with rock free material.		Noticed top two feet of embankment being rock free.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Check that the top two feet of embankment is constructed with rock free material.		per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment was constructed with rock free material.	Conformance	8/8/2019 2:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment were constructed with rock free material.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment was constructed with rock free material.	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet are rock free.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll per spec. Eastern most section is not yet completed.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof rolling has been conducted per spec. Soft spots have been identified and repaired.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted and passed.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted. IQC was present and proof roll passed.	Conformance	7/17/2019 3:08:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll operation was conducted per Spec.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM -07:00	The proof roll was conducted in conformance with the specification?		Proof roll was conducted , soft spots were identified and corrected.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM -07:00	The proof roll was conducted in conformance with the specification?		Proof roll was conducted per spec.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM -07:00	The proof roll was conducted in conformance with the specification?		Please provide weight ticket to confirm weight of equipment.	Results have been posted.	11/6/2018 9:16:01 AM -07:00	Audit Comment	The water truck weight tickets are available in SharePoint under PC testing and inspection.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	The proof roll was conducted in conformance with the specification?		Contractor did not follow CDOT Standard Spec 203.08. Contractor used a water truck to perform Proof Rolling.	Documentation was provided.	11/6/2018 9:16:40 AM -07:00	Audit Comment	Standard specification 203.08 states - Proof rolling with pneumatic tire equipment using a minimum axle load of 18 kips per axle. A water truck is technically pneumatic and all 3 Kiewit water trucks have a 80,000 lb registration. PC uploaded a weight certificate for the water trucks in SharePoint under PC testing.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Ensure that embankment material is being placed to avoid damage to adjacent structures.		Embankment material was placed to adjacent structure and utilities to avoid damage.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	Ensure that embankment material is being placed to avoid damage to adjacent structures.		Embankment material was placed along adjacent utilities in 8" lifts, compacted and density tests performed.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		No adjacent structures are damaged.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Imported material used for backfilling pipe (storm sewer, cross culverts, side drains, etc.) shall be tested for compatibility with the selected pipe material.		Native material passing the 203 spec was used above box culvert. #67 stone was used to backfill trench around box culvert.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM -07:00	Imported material used for backfilling pipe (storm sewer, cross culverts, side drains, etc.) shall be tested for compatibility with the selected pipe material.		Imported sandy material from Aggregate Industry has been tested for compatibility with the selected waterline pipe material.	Conformance	11/6/2018 9:28:52 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Imported material used for backfilling pipe (storm sewer, cross culverts, side drains, etc.) shall be tested for compatibility with the selected pipe material.		backfill per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Oversize material should not be used around structures or pile driving locations.		No oversize material was placed around structures.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No roots, logs, or unsuitable materials were observed during excavation.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM -07:00	Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Unsuitable material was identified and removed to designated area.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	12/13/2018 4:27:27 PM -07:00	Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Roots, trash, metals (dowel bars, inlet tops, etc) were all witnessed in the fill placed at 6217.	NCR 552 was added.	1/24/2019 2:24:54 PM -07:00	NC-2	This issue is being tracked with NCR 552 on block 6217	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No unsuitable materials were placed.	Conformance	6/1/2020 7:53:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Witnessed contractor personel removing unsuitable material from the fill area on a regular basis. All unsuitable material is being properly disposed.	Conformance	4/4/2019 3:59:51 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Typical section does not provide adequate tolerance or measurements to gauge appropriately.	Conformance	2/27/2020 6:46:32 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Typical sections for side slopes, grade, and elevations will continue to frequently monitored for conformance as operations proceed.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM - 07:00	Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		No detailed monitoring of earthwork cross sections noted within PC/IQC reports. Along with which correct typical is being utilized for conformance with the cross-section during installation (width, side slope, grade, etc.).	Daily Reports included in sharepoint & Aconex do not include any on-going earthwork this date of inspection.	4/28/2019 9:56:59 AM -06:00	Audit Comment	No earthwork activities were on-going on 11/2/18. all checklists are now on sharepoint and in Aconex.	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		per plan	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		per contract	Conformance	3/1/2019 9:10:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	11/6/2018 10:08:09 AM - 07:00	After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Roadway grade and prism are to be monitored as work progresses in this block. Backfill was brought up to match existing grade.	Conformance	11/6/2018 9:28:52 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Roadway prism underneath curb to curb was properly constructed.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	11/5/2018 10:31:17 AM - 07:00	After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Witnessed IQC testing.	Conformance	11/5/2018 10:18:02 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		IQC forces were on site and passing tests were observed.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Elevations still need to be provided by contractor to verify correct elevations.		5/20/2019 8:15:32 AM -06:00	Audit Comment	PC as built data is provided to IQC during the subgrade Hold Point. This specific area was survey request 242.	Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM - 07:00	1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade and base were constructed per plans and survey crew was on site.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was constructed and inspected for proper grade and alignment.	Conformance	5/11/2020 10:42:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was constructed in accordance with plans.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade elevation, cross-slope, and alignment were obtained.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade did not appear to be stringlined the grade was not uniform having significant humps and dips resulting in pavement depth which does not meet the 4" depth shown in the design. Attached are photos of section where the depth does not meet the design.	Ncr 0985	8/12/2019 11:53:24 AM -06:00	NC-2	NCR 0985 was generated to track this issue	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required grade.	Conformance	4/2/2020 6:51:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The subgrade was shaped to the required grade per plans, free of all ruts, and uniformly compacted.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped and compacted properly.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped and compacted properly.	Conformance	5/11/2020 10:42:49 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Inspection performed witnessed IQC on site.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Contractor is following CDOT Standard Spec. 203	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		3. Ensure that the specified materials have been incorporated into the work in accordance with .		Materials were incorporated properly.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		3. Ensure that the specified materials have been incorporated into the work in accordance with .		Appropriate materials were placed in grade.	Conformance	4/2/2020 6:51:51 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		IQC achieved passing densities on material.	Conformance	4/2/2020 6:51:51 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Bases was compacted to the required Moisture/Density.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	4. Check that the subgrade/base has been compacted to the required moisture/density.		The subgrade was dusty on the surface and did not appear to have proper moisture.		7/23/2019 12:24:28 PM -06:00	Audit Comment	The water truck was out at the beginning of shift for proof rolling. During the proof roll and prior to paving if the grade shows signs of moisture loss IQC will make the call to add moisture.	Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted and density/moisture tests passed.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	4. Check that the subgrade/base has been compacted to the required moisture/density.		All lifts were compacted and density tests performed and passed.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	4. Check that the subgrade/base has been compacted to the required moisture/density.		All materials were compacted to the required moisture and density. Witnessed IQC testing.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM - 07:00	Densities will be determined by nuclear methods in accordance with CP 80.		All density tests performed were by nuclear methods in accordance with CP 80	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	Densities will be determined by nuclear methods in accordance with CP 80.		All density test performed were in accordance with CP 80.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Densities will be determined by nuclear methods in accordance with CP 80.		All density tests were performed by nuclear methods in accordance to CP 80. Witnessed IQC testing.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Densities will be determined by nuclear methods in accordance with CP 80.		All densities performed were in accordance with CP 80.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Densities will be determined by nuclear methods in accordance with CP 80.		Densities were performed by nuclear methods in accordance with CP80.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Densities will be determined by nuclear methods in accordance with CP 80.		Densities were performed by nuclear methods in accordance with CP 80	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof roll operation was conducted soft spots were identified and corrected by the contractor.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Soft spots were identified during proof rolling operation. Soft spot deficiencies were removed and corrected.	Conformance	12/19/2018 3:15:03 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During the proof rolling operation. a soft spot was identified. Contractor corrected the deficiency, proof rolled and density tests performed and passed. Witnessed IQC testing.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Several proof rolling operations were conducted on 3 failed locations. Contractor submitted a repair procedure. Repair procedure was followed, proof rolled, and deficiencies were corrected.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM - 07:00	5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof Roll Operation was conducted. All deficiencies were corrected.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots were observed during proof roll.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		No soft spots were observed.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM - 07:00	Any soft spots should be corrected before the paving operation begins.		All soft spots were identified and corrected before paving operation.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM - 06:00	Any soft spots should be corrected before the paving operation begins.		Soft spot was identified and corrected prior to temporary asphalt placement.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM - 07:00	6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Contractor placed base material and plastic over entire area protecting it from the element.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Subgrade was protected.	Conformance	8/15/2019 1:07:48 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade (Old)	Roadway	11/28/2018 12:14:04 PM -07:00	7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Upon proof rolling of the subgrade contractor placed base material the same day.	Conformance	11/27/2018 3:39:45 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	10/30/2018 2:22:05 PM -06:00	7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Temporary asphalt was placed within 48 hours of proof roll.	Conformance	10/30/2018 10:31:40 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		HMA was placed within 48 hours of proof rolling.	Conformance	5/11/2020 10:46:01 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM -06:00	Was the Longitudinal Joint and Pavement Marking Plan submitted with the proposed method of establishing control? Was the plan submitted three days in advance of the Pre-paving conference? Was written Acceptance to proceed provided to the contractor?		Brighton Longitudinal Joint plan was submitted and accepted with comments from third party review, and from the Department.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM -06:00	Discuss project requirements with the Contractor at the Pre-paving Conference (see Section 400.1.1). Is good communication maintained between the Contractor personnel?		Communication was well maintained between contractor personnel, PC, IQC, and the Department and CCD during concrete paving operations.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM -07:00	Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		First lift of asphalt placed on surface temperature was lower than Spec. requirement. IQC temp. gun reading 32 -34 deg.		5/20/2019 8:38:02 AM -06:00	Audit Comment	Asphalt temperature did not meet temperature criteria. Performance of the asphalt will be tracked in smartsheet and repaired as required.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Review the Contract limitations with respect to cold-weather paving and inclement weather, including allowable conditions for placing prime and tack coats and underlying pavement layers and surface lifts.		Tack and Asphalt were placed in allowable conditions per Spec.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded, compacted, proof rolled and asphalt was placed to match existing.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	Base (Old)	Roadway	12/4/2018 5:01:03 PM - 07:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly. Base material was brought to plan grade.	Conformance	12/4/2018 11:41:59 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The grade under the demoed islands was compacted before the asphalt placement.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft material was observed after demoing the island between Sta 514+00 and Sta 522+00 (Steele/Vasquez Median). The crew then dug out the entire area and considered it a soft spot repair. Reference the attached photos.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected by the contractor.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified. No paving has taken place since.		5/20/2019 8:36:22 AM -06:00	Audit Comment	IQC has stopped the work performed due to soft spot repairs and poor asphalt. IQC continues to value the input from the department	Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots that were found previously were corrected within the subgrade. No additional spots were identified during proof-roll on 7/9/2019.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll was conducted, soft spot was identified by the contractor and repaired.	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll was conducted accordingly to locate any potential soft spots or excessive yielding material, and no such spots were found.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof Rolling occurred after the soft spot repair was complete. The crushed concrete was brought up to 5.5" from the finished grade.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		<p>IQC will be writing an NCR for the failed proof roll on behalf of the discussion I had with Sean McAfee and Mike Moore. Info.</p> <p>The PC on Friday night shift passed a proof roll for S. Steele detour. IQC came in on Saturday (4/5/219) morning at 7:00 am and found visual pumping of the sub-grade in multiple spots. I was witnessed</p>	Acceptable	5/30/2019 9:26:56 AM -06:00	Audit Comment	PC and IQC passed proof rolls on the night of 5/3/19 (I think the 4/5/19 date is a typo) During the morning PC/IQC pre paving walk a soft spot and saturated grade was identified by IQC/PC and an NCR 997 was generated	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	4/12/2019 2:11:43 PM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		The proof roll failed earlier in the night shift. A soft spot was found and removed. PC passed the proof roll after they repaired it. When I observed trucks loaded with asphalt driving across the grade at 3:53am, there was a noticeable soft spot.	Closed because NCR 918 was written.	4/17/2019 4:50:05 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	3/21/2019 9:22:32 AM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		No Proof Roll was performed prior to placement of asphalt. No IQC inspector present for asphalt placement. Noticed pumping of asphalt on first lift when rolling.	838 ncr written	5/14/2019 7:55:22 AM -06:00	NC-2	NCR-0838 was written to track this issue	Closed
Central 70	C 0704-241	HMA	Roadway		Is the surface to be treated properly prepared?		All surfaces treated were properly prepared.	Conformance	4/17/2019 11:14:26 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Is the surface to be treated properly prepared?		Zach Gill conducted an audit and issued an NC-2 related to the temporary roadway plate. Please see comment #6 of the attached audit. CVI_MOT_Detour Paving_zgill_125	The steel plate has since been approved for use such conditions.	5/30/2019 9:50:00 AM -06:00	Audit Comment	The Steel plate detail has been submitted and approved by IQC in ACONEX C70-KIE-DRN-ML-000047	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Is the surface to be treated properly prepared?		The areas to be paved were either compact to an adequate surface quality or the soft spots were removed and repaired.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Is the surface to be treated properly prepared?		Surface was properly prepared, including moisture density testing and the performance / acceptance of a proof-roll. Area will need to be delineated and noted where permanent paving began and ended. Only portion of roadway received roadway base for use as permanent.	Temporary & Permanent Pavement will continue to be monitored. Area is to be delineated to depict where temporary ends and permanent ends.	6/25/2019 10:04:53 AM -06:00	Audit Comment	The permanent area was built to the final plans in the machine control. The temporary section have to be removed in final configuration.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Is the surface to be treated properly prepared?		Surface was properly prepared before any placement of tack or asphalt.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Is the surface to be treated properly prepared?		The grade was cut before the paving operation. Survey was there to verify the grade was cut to the appropriate cross slope.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Were the irregularities in the existing pavement or base brought to uniform grade and cross section?		During our observation, a cross section check with a 10 ft straight edge was not completed on sub-base or asphalt.	Acceptable	5/30/2019 9:54:40 AM -06:00	Audit Comment	Temporary pavement repairs were corrected to bring straightedge measurement into compliance.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was the surface swept to remove accumulations of loose gravel and debris?		After the grade was cut, the crew used brooms to clean off or removed the dirt that accumulated on the vertical pavement edge.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept clean before tack and asphalt were placed.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		The surrounding areas were swept after the demo was complete. Tack was placed on all vertical faces before the asphalt was placed.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Some minor tracking from trucks did occur. This was due to poor access at Block 6201. The crew cleaned up as much as they could. Better planning needs to occur to minimize this issue. Please see attached photos.	Acceptable	5/30/2019 9:52:43 AM -06:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surfaces were properly swept, loose gravel and debris were removed.	Conformance	4/17/2019 11:14:26 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Are the vertical faces free of tack?		All of the vertical faces were clean and then tacked before the placement of asphalt.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Are the vertical faces free of tack?		The vertical faces were tacked before the pavement was placed. Please reference the attached photos.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Asphalt cement tack was placed around drainage inlet structures and previous asphalt pavement prior to continuation of paving operations.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		<p>Only one lift of asphalt was placed at the following locations: EB Havana Off ramp, EB Havana On Ramp and WB Havana Off Ramp. All of these paved areas are considered temporary.</p> <p>--The best practice would be to Tack between layers if the temperature of the first layer drops below the normal compaction temperature limits (160F or less) or if dust and debris may be blowing on or across the surface.</p>	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Tack coat was placed between asphalt lifts per spec.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Tack coat was applied between the pavement courses. I was onsite to witness the laying of the third lift between the approximate mainline WB Stations 2204+00 & 2218+00.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Since the top and bottom lifts were placed in the same day, tack was not place between subsequent lifts.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Since the lifts were placed within a few hours. No tack was placed between subsequent lifts.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the Application of Tack Coats and prime coat materials should applied beyond the limits of the final surface course?		The tack was placed beyond the final limits of the West side of the paving area. The East side was confined by a joint. The crew placed mix right up to the tacked vertical face.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break before asphalt was placed.	Conformance	4/17/2019 11:14:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Area to be receiving a tack application was allowed sufficient time to break prior to paving on.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Is the application uniform and continuous at the specified rate? Does the spray bar nozzles deliver without streaking? Was excess application corrected? Was overspraying an issue? (curb, gutters, and barrier)		Tack was sprayed uniform across the entire paving area. No streaking was witnessed during my observation.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		The surface to be paved was not wet, and no weather conditions existed that would prevent proper construction of tack placement and paving operations.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the traffic kept off the material as long as practical?		The asphalt trucks arrived shortly after the tack was placed. The tack was able to become tacky before the crew started to place mix.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed

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Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the full description of the Paver submitted before the paver was used? {Under "Before Construction" above { Note: (NOT REQUIRED AT PRE-PAVING CONFERENCE, but required before paving)		Description of paver to be utilized for paving operations was submitted prior to any use.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Acceptable weather conditions were in place for paving operations, including both ambient and surface temperatures.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for concrete paving operations.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving. Ambient and surface temperature were within Spec.	Conformance	12/4/2018 11:40:43 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable. Ambient and surface temperature were within Spec.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Paving started when the surface temperature was 40 degrees F and rising which is in accordance with Table 401-3 for lifts 3 inches or greater. IQC had a FLIR high heat temperature gun which is great for checking the asphalt mixture but not for checking the temperature of the grade. IQC and the testers onsite compared their temperature guns with a 10 degree or greater variance.	Acceptable	5/30/2019 9:54:57 AM -06:00	Audit Comment	IQC has changed temperature guns to ensure compliance with the specification.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/15/2018 9:25:45 AM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving. Ambient temperature was 63 degrees.	Conformance	11/14/2018 5:05:45 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		The ambient and surface temperature were satisfactory.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		The ambient and surface temperatures were satisfactory.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		The ambient and surface temperature were satisfactory.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	4/12/2019 2:11:43 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		From CDOT Std Spec Table 401-3, the minimum surface and air temperature is 50F degrees for the top lift and 40F for the bottom lift. The ambient air temperature I observed was 39F degrees. The temperature of the grade was 48F degrees.	Adequate documentation provided.	4/17/2019 4:50:27 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	Temperature of delivered plant mix meets specifications?		Conformance	Conformance	5/6/2019 12:01:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Temperature of delivered plant mix meets specifications?		The PC and IQC inspector had temperature guns to check the temperature of the mix. It was observed the inspectors made random checks throughout the day.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Temperature of delivered plant mix meets specifications?		IQC had a FLIR high temperature gun for taking temperature.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Temperature of delivered plant mix meets specifications?		Concrete temperatures fell within the allowable requirements of 50-90 degF.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix meets the specification tolerances.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Tandem Trucks were used for the operation. Numbers of trucks on the haul were not accounted for. The tandems seemed to be filled with a one drop method at the plant which increases the chances of segregation.	Acceptable	5/30/2019 9:58:59 AM -06:00	Audit Comment	The number of trucks is not a requirement . The segregation of pavement is a requirement . Segregation is being monitored.	Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		A truck was rejected by the visual inspection of PC inspector. He observed it was too course. All of the rejected mix in the hopper was removed. Please reference the attached photos.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Any excess amount of mix that fell onto the roadway was removed with a skidster.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Some mix was dumped on the roadway. The operation was stopped to remove a considerable amount of mix off the roadway before preceding.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Two Haul Trucks, back to back, when delivering their load to charge the hopper pulled forward ahead of the paver and their load was dumped onto the surface in front of the paver. This material was then picked up with the use of skidsteer and placed back into the hopper of the paver resulting in segregated material. Remaining material was worked into the subgrade and paved over.	NCR 1173 Created.	6/25/2019 1:14:44 PM -06:00	NC-2	This issue will be resolved in NCR 1173	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Lift thickness was controlled manually.		6/25/2019 10:06:33 AM -06:00	Audit Comment	Paving crew runs depth manually	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Area to be paved had multiple manholes, water valves, drainage structures, and tapers resulting in manual operations to be utilized. Entirety of area shall be monitored for continued conformance throughout its use. Areas to be temporary and permanent will need to be delineated and noted, as mentioned above in Requirement #1.		6/25/2019 10:06:38 AM -06:00	Audit Comment	Permanent and Temp areas will be delineated. The temporary pavement will continue to be monitored.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation of the paver was used. The gore area, curve of the ramp and non uniform paving width made manual operation necessary. Only one lift of asphalt was placed at the following locations: EB Havana Off ramp, EB Havana On Ramp and WB Havana Off Ramp.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		All of the areas that were paved were considered irregular. Poor saw cutting was a key factor in poor mix placement. Saw cuts need to planning to accommodate a paver. This will lead to a better overall product. Reference the attached photos.	Noted	5/23/2019 8:49:34 AM -06:00	Audit Comment	Utility line relocation and median removal left irregular removal limits. PC,IQC and QCATS walked and discussed this situation. the saw cutting was done on night shift and was not done with paving in mind. KIC superintendent was made aware and communicated the problems to the team.	Closed

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Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paving area was two long straight pulls. The operation was smooth and continuous as long as the mix delivery consistent. As mentions in a following comment, the asphalt broke down from approximately 10:45am-1:30pm.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Due to the unique area, the paver had to move and setup multiple times. This caused a stop and go operation.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paving operation was completed in a stop and go motion. Due to the limited work area, the asphalt delivery to the hopper was difficult. A better plan for access is necessary.	Acceptable	5/30/2019 9:55:19 AM -06:00	Audit Comment	Agreed. Improvements in access were made in future pours.	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paving operations proceeded in a stop and go motion.		6/25/2019 10:07:11 AM -06:00	Audit Comment	Acknowledged. As discussed in the joint meeting held on 6/19/19. Delivery can be an issue due to traffic and tight paving areas.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Due to the constraints of paving location, operations proceeded as close to uniform and continuous as possible during laying of the mixture. Trucks backed up one at a time, and as soon as space was made available for the next truck, they backed up.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept at least half-full at all times during the paving operation, and proper head of material in the auger chamber was consistently at a proper level. Cross-Slope as shown on the typical section was followed.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		Segregation was not observed to be an issue as the material moved from the hopper to coming out of the paver augers.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		Segregation was not observed, and concrete placement was properly consolidated below the surface prior to the paving bidwell vibrating and smoothing the surface.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	6/1/2020 7:54:10 AM -06:00	C		Closed

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Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was noticed when material was transferred from the hopper to the augers.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The paver wings were lifted after each load was placed in the hopper and emptied after each load.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled periodically throughout the day to prevent buildup of material.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The asphalt plant broke down between 10:45am-1:30pm. So the wings were dumped multiple times throughout the day.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The asphalt plant broke down between 10:45am-1:30pm. So the wings were dumped multiple times throughout the day.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The paver wings were cycled regularly due to the long duration between loads.	Conformance	5/14/2019 7:56:08 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers extend full width of screed, and atleast 2" above the finished surface of the mat.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Is the screed vibrator functioning?		The bidwell screed is operating as needed, vibrating the surface, and providing a smooth finish as operations continue on.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	The paver should be equipped with a full-width vibratory screed. Was the screed checked for trueness with a string line?		The paving equipment was not observed to have been checked for trueness with a string line. No "dry-run" was noted to have been completed. Only depths at planned joints were string-lined to verify depths.		8/20/2019 12:28:43 PM -06:00	Audit Comment	Paver is equipped with a full-width vibratory screed. PCCP in Blk. 2515 (Brighton Blvd.) is not a mainline operation. CCD was present when Pre-Pour Placement occurred and verified all aspects of the operation to be performed.	Closed

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Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		A smooth surface was produced after the concrete paving operations were finished, and appeared to be uniform in appearance and texture. The minimum required thickness of 12.5" was achieved over the entire width paved. The required surface tolerance was noted to be within tolerance of 2.0% Cross-Slope.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was observed to be placed within required surface tolerances with an acceptable finish without segregation. Area in question however remains around the location where asphalt load was dumped from haul truck onto the subgrade surface and handworked into place for a portion.		6/25/2019 10:05:10 AM -06:00	Audit Comment	As discussed in the meeting with the Department and IQC on 6/19/19. Means and methods will be adjusted to minimize segregation.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/4/2018 4:43:40 PM - 07:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within in required surface tolerance. However a significant grade change was noticed near Sta 2240+00.	Agree	2/21/2019 8:57:38 AM -07:00	Audit Comment	The material placed was built according to plan as stated. The area has been reviewed with the QCATS and IQC team. Detour area's tying into existing are now being walked and if grade matching causes significant bumps we will remove it to the extent required to remediate the situation.	Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The 3rd lift was placed to an acceptable surface finish. The required thickness was uniform and a consistent width throughout the placement.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The surface of the mat was of uniform appearance and texture. A uniform thickness was observed throughout the placement of the first lift. The paving of the second lift was not observed.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No visible mat segregation was observed.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		Poor saw cutting led to small irregular areas. Due to the hand placement and the constant handling of the material. Many areas became segregated. Reference photos in comment #9.	Agreed	5/23/2019 8:49:46 AM -06:00	Audit Comment	All of the areas were hand worked and raked to minimize as much segregation as possible.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		Segregation was observed in several areas. IQC noted and reported. No repairs have been done to the areas reported.		5/20/2019 8:35:52 AM -06:00	Audit Comment	Areas of failing asphalt are being tracked and monitored on Smartsheet . Pavement repaired are occurring as required.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		Segregation was observed once the paving operation began. The crew shoveled asphalt onto the segregated areas. The crew then raked the larger material away leaving the fines on the mat to fill in the voids of the segregated areas.	Acceptable	5/30/2019 9:55:44 AM -06:00	Audit Comment	Segregation issues were observed in multiple pours through the winter. These areas were being addressed through pavement repairs.	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		Segregation was not observed to be an issue.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Was stationing established to allow yield checks and material placement?		Survey placed stakes locating offsets and elevation to top of concrete. No stationing was made available on these stakes to verify location, including yield checks & material placement at the respective station.	Stationing on survey stakes was a comment made by CCD & IQC at the Pre-Pour placement walk, however, work was allowed to proceed with this minor comment.	8/20/2019 12:32:01 PM -06:00	Audit Comment	Not a unit price job where CDOT pays by the cubic yard. Offsets and Depths were verified and checked to meet requirements by CCD. City County of Denver was present when verified during the Pre-Pour Placement Walk.	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was stationing established to allow yield checks and material placement?		Stationing & Survey marks were in place prior to paving operations proceeding.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was stationing established to allow yield checks and material placement?		Yields checks were not taken. The IQC staff did not have the appropriate plans or checklists to track yield.	Acceptable	5/30/2019 9:56:00 AM -06:00	Audit Comment	Yield measurements will be collected during permanent pavement operations.	Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was stationing established to allow yield checks and material placement?		The paving area was predetermined due to the confined/unconfined pavement joints. The crew used a wheel to measure off the total paving area.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	What type of grade control was used? Is it functioning properly?		No grade control was used. The paver was manually operated.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Material placement location, thickness, yield checks and temperature documented?		Survey was onsite to verify the grade and location of the temporary pavement for each area. The paving crew used a probe to check the depth of the uncompacted pavement. Did not witness IQC checking yield.	Acceptable	5/30/2019 9:56:25 AM -06:00	Audit Comment	IQC measurement of yield and pavement thickness has been completed moving forward.	Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Material placement location, thickness, yield checks and temperature documented?		IQC was present and documenting thickness, yield checks, and temperature.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Material placement location, thickness, yield checks and temperature documented?		Concrete Class P for PCCP Paving operations at Brighton (Block 2515) was placed at a minimum of 12.5" thickness, and temperatures was noted to be within the allowable range as per the specifications and the PA.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Material placement location, thickness, yield checks and temperature documented?		Location, Thickness, Yield, and Temperature were tracked by the IQC inspector throughout the day.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		It was observed that PC and IQC were using their temperature guns consistently throughout the day ensure that rolling took place at the appropriate temperature.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		IQC was observed to be checking temperature of the mat behind the paver screed. Temperature was noted to be within conformance and at a proper temperature before rolling.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperatures were being taken on mat prior to rolling.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature readings were taken by PC and IQC	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	HMA Reconstruction (inches) Ensure that the mat is placed in conformance with the required cross-section (e.g., slope, crown) and lift thickness. Check the total thickness and yield as required. Require screed adjustments, if necessary.		IQC did not know the required pavement depth for each paved area.	Acceptable	5/30/2019 9:56:45 AM -06:00	Audit Comment	The IQC pavement inspectors now have been trained to know and measure pavement depth.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		Segregated areas and soft spots were identified by IQC. No paving has continues on this block.		5/20/2019 8:36:08 AM -06:00	Audit Comment	IQC has stopped the work performed due to soft spot repairs and poor asphalt. IQC continues to value the input from the department	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		One soft spot was noted to be out of conformance, and was properly fixed prior to paving over.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		Subgrade areas were reworked prior to placement of roadway base layer. Multiple proof rolls were completed on base layer, as well as moisture-density tests, and were accepted prior to concrete paving operations.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		All the pavement in the area was removed due to failing subgrade and or pavement segregation. All of the previous NCR's were addressed before placing the mix.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		Subsequent Lifts were placed in the same day. Not all soft spots were repaired before subsequent lifts. NCR Pending as mentioned in Comment #1.	Other soft spots were observed in during the asphalt placement. Future observations will be conducted for failed areas. Attachment "WMT-1028"	5/30/2019 9:49:06 AM -06:00	Audit Comment	PC and IQC evaluated to area after first lift was placed. No noticeable soft spot was identified during the proof roll. NCR 997 was generated.	Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		Brighton Jointing Plan was approved with comments by both third party and the Department. Jointing plan was followed with field adjustments being reviewed and approved by third party.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		As referenced in Requirement #1 & #10, areas to be permanent and temporary are to be delineated as future work continues in its proximity. Locations for pavement detour were followed and are in place as planned.		6/25/2019 10:05:20 AM -06:00	Audit Comment	The area will be delineated.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Is there a truck "clean out" site available. Is it being used?		No truck "clean out" site noted. Haul trucks were cleaned out after dumping load completely in hopper and prior to leaving the job-site. Material removed from back bed/ tailgate was moved from the surface and not paved over.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	7/22/2019 1:46:56 PM - 06:00	Is there a truck "clean out" site available. Is it being used?		Concrete truck washout site was available and utilized.	Conformance	7/21/2019 7:02:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the approved proposed paver wedge system used and followed during construction?		The approved paver wedge system was used for the unconfined edge condition. See that attached photos.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/6/2018 9:57:22 AM - 07:00	Where cores taken?		No visible signs that cores were taken.	NCR 493 was created	12/18/2018 3:25:26 PM -07:00	NC-2	This issue will be handled through NCR 0493	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Where cores taken?		Since the areas that were paved are considered temporary, no cores were taken on the first lift. IQC informed us that they would take cores on the 2nd lift only (final lift). The second lift will be placed in the coming days with weather permitting.	Acceptable	5/30/2019 9:58:32 AM -06:00	Audit Comment	agreed.	Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/6/2018 9:57:22 AM - 07:00	Were densities of the random samples determined by cores according to CP44? Coring shall be performed by the Contractor under Department observation.		No densities were performed by random samples determined by cores according to CP44.	NCR 493 was created	12/18/2018 3:25:32 PM -07:00	NC-2	This issue will be handled through NCR 0493	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Were rollers operating in accordance with approved Compacted Test Section?		Mini dual (static) and combo (static & pneumatic) rollers were utilized for compaction efforts. No vibratory was used in this stretch of paving. Only static and pneumatic was used. This is not in conformance with the compacted test section.	NCR 1173 Created.	6/25/2019 1:15:00 PM -06:00	NC-2	This issue will be resolved in NCR 1173	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Rolling and compaction efforts were made in the required sequence, however smaller roller equipment was utilized at a slightly faster speed to ensure the proper breakdown was achieved. Finish rolling was performed when the mix was warm enough to removal other marks.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		The compaction operation sequence was followed per Spec.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The initial breakdown roller was broken. Rolling at the beginning of the shift was completed with a pneumatic roller. Please reference the attached photos. The crew finally got the steel wheel breakdown roller working. This piece of equipment was tempermental the rest of the observation since the water sprayers weren't working.	Acceptable	5/30/2019 9:56:59 AM -06:00	Audit Comment	Agreed - improvements in paving equipment will be made moving forward.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Half of the paving at SB Steele was complete with a finish roller. A crew was using the knockdown roller at the EB Steel/Vasquez Off ramp for the island detour paving. Planning the work helps ensure the appropriate equipment can be utilized. The temperature of the mat was too high to be using a finish roller.	Acceptable	5/30/2019 9:34:53 AM -06:00	Audit Comment	PC and IQC made the decision to use the smaller roller on small temporary detour areas. The large rollers have been causing tearing and checking in the mat. The density's were within specification.	Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		The smaller rollers were traveling faster than approximately 3 MPH, however no picking up of material was observed and rollers were kept clean.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		A combo roller, static front and pneumatic rear, was utilized for intermediate and finish rolling/compaction efforts.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		No vibratory was used in the entire section of paving from Milwaukee Street East to Steel Street.	Area to be monitored and locations delineated as to where asphalt is to remain as permanent, or be removed as temporary asphalt.	6/18/2019 1:44:19 PM -06:00	Audit Comment	As discussed in the field with The Department Rolling Patterns are monitored constantly by PC field representatives. It is not industry practice or in the best interest of the quality of the pavement. We did use vibratory and density's were within specifications.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was the inspector documenting the following information? 1. The number of rollers, type and model number of each 2. Passes made by each roller. Condition roller is utilizing during rolling Ex. Static or Vibratory 3. Distance of each roller behind the paver. 4. Check the temperature of the mix at placement time and temperatures during the phases of rolling 5. When the rollers begin rolling, how soon after the HMA is placed. This will vary with seasons 6. Approximate air temperature and wind speed?		IQC checklist on Sharepoint does not address the requirements listed. Checklist reviewed was dated 11/6/2018. Did not see an Inspection Checklist for the date of 11/10/2018.	Acceptable	5/30/2019 9:57:19 AM -06:00	NC-2	IQC checklist is at C70-KIE-QCI-QC-000356	Closed

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Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Was the inspector documenting the following information? 1. The number of rollers, type and model number of each 2. Passes made by each roller. Condition roller is utilizing during rolling Ex. Static or Vibratory 3. Distance of each roller behind the paver. 4. Check the temperature of the mix at placement time and temperatures during the phases of rolling 5. When the rollers begin rolling, how soon after the HMA is placed. This will vary with seasons 6. Approximate air temperature and wind speed?		The compaction sequence and operation was appropriate for area. PC made density checks throughout placement to adjust the rolling pattern accordingly.	Conformance	5/7/2019 10:47:21 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/12/2019 2:11:43 PM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		From my observations, PC was not onsite. The crew did not have a working density gauge onsite.	Closed because NCR 918 was written.	4/17/2019 4:50:38 PM -06:00	NC-2		Closed
Central 70	C 0704-241	HMA	Roadway	4/4/2019 9:18:48 AM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		Contractor notified IQC Inspector that no PC Testing Technician showed up on-site to perform density testing on the freshly placed asphalt the morning of 4/4/2019 at Block #4702. Placement of asphalt continued, and prior to end of operations and removal of TTC Devices, no density testing had been completed. Per Process Control Plan for Temporary Pavement, a minimum of 1 test per lift at each detour location will be taken with a frequency of a test of 1/500 tons.	NCR 0886 Created.	4/10/2019 10:58:58 AM -06:00	NC-2	This issue will be resolved through NCR 0886.	Closed

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Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	Was density obtaining before mat cooled to minimum specified temperature?		Density tests were obtained before mat cooled to minimum specified temperature.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		Minimum density was achieved prior to the mat cooling to the specified temperature.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/4/2019 3:39:43 PM - 07:00	When density gauges are used, were the tests performed in accordance with CP81 and CP82?		Density gauges were used to perform tests in accordance to Spec.	Conformance	2/4/2019 8:56:43 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Even with roller equipment problems, the crew was able to remove all the roller marks.	Conformance	11/16/2018 2:15:11 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were observed to be removed.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/9/2019 5:04:14 PM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		During my observation, all of the roller marks were removed.	Conformance	5/7/2019 10:47:22 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/14/2019 8:56:43 AM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		The mix placement/rolling was inconsistent. This left a very wavy surface. All of the roller marks were removed.	Noted	5/23/2019 8:49:58 AM -06:00	Audit Comment	The paving crew is working with a combo roller to try to minimize "tearing" in the mat during placement. PC representative walked with the finish roller to ensure all roller marks were removed at the end of the shift as stated.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/9/2019 4:46:27 PM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed once the knockdown roller was used. Sequence of rollers is key.	Conformance	5/7/2019 10:46:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Rolling operations were completed and stopped on portions of the pavement when the temperature falls below the minimum specified temperature.	Conformance	6/11/2019 10:30:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/16/2018 2:47:54 PM - 07:00	Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Temperature readings were taken, but rolling continued as the mat fell below 185 degree F.	Acceptable	5/30/2019 9:58:07 AM -06:00	NC-2	Please see NCR-0437	Closed
Central 70	C 0704-241	HMA	Roadway	4/12/2019 2:11:43 PM - 06:00	Were the rejected areas (segregated or soft spots) corrected prior to placing additional lifts?		The mat was 200F degrees when the pictures were taken. Insufficient rolling was done before the second lift was placed. Rutting was observed. Reference photos.	Closed because NCR 918 was written.	4/17/2019 4:50:46 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	5/6/2019 4:44:44 PM - 06:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		Several locations were observed which do not appear to meet straightedge and will hold water. Manholes were also observed stick up or significantly below the pavement surface. Attached are photos.	Ncr 0985	8/12/2019 11:52:32 AM -06:00	NC-2	NCR 0985 was generated to track this issue	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	12/6/2018 9:57:22 AM - 07:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		No straightedge was performed by the contractor after the placement of asphalt. Note: Area was opened to traffic.	NCR 488 was created	12/18/2018 3:25:12 PM -07:00	NC-2	This issue will be handled through NCR- 0488	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/11/2019 3:36:03 PM - 06:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		No 10' Straightedge was observed to be on-site with the contractor, and IQC was not observed to perform a straightedge on the subgrade surface or roadway base that was placed, as well as the pavement surface placed.	Per Discussion with PC & IQC, 10' Straightedge to be used to verify cross section, subgrade/ base, and all joints (transverse/ longitudinal), as well as manholes along CCD Streets. Both PC and IQC to verify quality of subgrade/ base layer.	6/18/2019 1:46:43 PM -06:00	Audit Comment	Both foreman Carry 10 foot straight edges in the trucks. IQC has availability to use them anytime.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	3/6/2019 3:40:06 PM - 07:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		Flash fill has been installed and does not meet the smoothness criteria specified: Central Park EB & WB On Ramps, Havana EB On Ramp, Havana WB On & Off Ramps, and Peoria EB Off ramps. Attached are some photos of examples which are deficient.	754 was written.	5/14/2019 3:46:59 PM -06:00	NC-2	NCR-0754 was written to track this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		MH-46S7049 was constructed in accordance with the plans.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		MH-46S7049 was constructed in accordance with the plans.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/14/2019 11:25:16 AM - 07:00	Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Sandbags and wood filling void between pipe and structure.	Agree with response	2/21/2019 8:56:38 AM -07:00	Audit Comment	CDOT, IQC and PC operations group met to discuss the means and methods of the installation. PC will schedule inspection prior to grouting the inlet to pipe joint to ensure sand bags and Wood shims are removed.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe sections witnessed inside of structures were properly treated and finished.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipes of the proper type and size shall be build into a manhole where future laterals are to be constructed. These pipes shall be sealed at their outer ends and an invert shall be built into each manhole for such lateral connections. When a manhole is located in the pavement area, it shall not be constructed to final grade until the pavement has been completed.		All pipes placed into manholes were properly placed for future lateral construction.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Pipes of the proper type and size shall be build into a manhole where future laterals are to be constructed. These pipes shall be sealed at their outer ends and an invert shall be built into each manhole for such lateral connections. When a manhole is located in the pavement area, it shall not be constructed to final grade until the pavement has been completed.		MH-46S7049 was constructed in accordance with the plans.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		1) All bricks shall be thoroughly wetted, before being laid, either by immersion or in a manner satisfactory to the Engineer. Special care shall be taken to make the face of the brick work smooth. All joints on the interior surface of the manholes and appurtenances shall be carefully struck. Brick shall not be laid upon a concrete foundation until the concrete has set. 2) Masonry shall conform to the requirements for the respective type. When specified, the outside face of structures shall be plastered with a 1/2 inch thick cement-sand mortar coat. Unless otherwise provided, exposed surfaces of concrete and masonry shall be cured as defined in subsection 601.13. Masonry shall fit neatly and tightly around the pipe		Bricks used were properly saturated in water and appeared to fit neatly and tight between pipe and structures.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Stakes were checked against the plans and the in & out elevations matched the plans.	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe elevations and locations properly staked and match plans.		MH-46S7049 was staked out.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation of trenched matched the planes and specs. No field adjustments were made.	Conformance	8/8/2019 2:28:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width witnessed and measured was within Spec requirements.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Conformance	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed in 6" lifts and compacted. All density tests performed passed.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Required compaction was obtained prior to placing successive lifts.	Conformance	3/6/2019 2:00:23 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction being performed with jumping jacks simultaneously.	Conformance	2/4/2019 8:55:24 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Required compaction obtained prior to placing successive layers		IQC was onsite monitoring compaction efforts.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Verify that any needed mortar repairs and grouting around pipe are properly performed.		MH-46S7049 was constructed in accordance with the plans.	Conformance	4/16/2019 12:41:07 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		The cat tracks for SB Colorado which were to be installed warning drivers of the left lane which turns into a right turn only were not installed. On NB it was noted that the solid left edge line showing drivers the right lane is a right turn only was not striped as it was shown on the plans. The length was shorter than shown. See the audit report attached.	968 was created	5/7/2019 10:19:08 AM -06:00	NC-2	NCR 968 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Compliance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Ensure that conflicting markings have been completely removed.		Compliance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Compliance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		EB Central Park On Ramp Closure/Detour	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		See NC below on item 10	881 created	4/15/2019 10:41:57 AM -06:00	Audit Comment	NCR 881 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/2/2019 4:56:59 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A laborer was observed setting cones to close the right lane on the WB I-70 Colorado off ramp without a chase vehicle to protect him from I-70 off ramp traffic. Attached is a markup showing the area he was working along with Photo #2.	876 made	4/15/2019 10:40:00 AM -06:00	NC-2	NCR 876 made	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/21/2019 9:24:36 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A loader was is observed driving against the flow of traffic in an open lane of Stapleton S without any traffic control devices in place to separate the loader from traffic.	812 was created	3/26/2019 9:20:37 AM -06:00	NC-1	NCR 812 Created	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/15/2019 5:18:00 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Missing delineation or shoulder/lane closure to properly store equipment in active lane/extra wide ramp.	814 created.	3/26/2019 9:18:01 AM -06:00	NC-2	NCR 814 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:56:53 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		The modifications performed to the MHT on the night of 3/21/19 were in place correctly. The daytime dirt truck haul operation ran over the devices and moved a Type III barricade closing the left fork of the EB York Off Ramp. As a result drivers were exiting EB York Off ramp turning left on 45th without proper warning of the NB Josephine Closure.	843 CREATED	3/27/2019 11:54:01 AM -06:00	NC-2	NCR 843 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Conformance	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/3/2019 5:01:22 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Attached picture 1. Our staff witnessed a mobile painting operation on the WB I-70 main lanes. There was no TMA present. Attached picture 2. A TMA truck was found to be parked on the right shoulder of WB I-70. The downstream construction operation took up the right two lanes including the shoulder. The TMA truck was not properly utilized.	This issue was discussed and agreed.	3/11/2019 2:03:13 PM -06:00	Audit Comment	The striping operation will utilize the TMA during all activities and kiewit personal will properly place TMA during location changes	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/1/2019 3:12:10 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		An O&M crew was observed performing a pothole patch in the middle of the intersection at Josphine & 46th St. The crew did not have any traffic control in place and traffic was weaving around them in the intersection. Upon notification from the department the crew paused the operation to obtain the correct traffic control prior to returning to the operation. The O&M team notified that they would be issuing an NCR for this activity.	NCR 649 created	2/25/2019 9:50:17 AM -07:00	Audit Comment	NCR 649 Created	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/18/2019 1:41:44 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Crews were observed working in the clear zone of WB I-70 (approx 12-15') from traffic without traffic control in place.	NCR created	3/14/2019 3:53:25 PM -06:00	NC-2	NCR 606 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/18/2019 1:41:14 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		CCD alerted the department that the MHT #219 was implemented and was unsafe to the motoring public. Several near misses were observed where NB traffic was avoiding cars which were stopped by a flagger preventing right turn from NB Colorado to 48th and as a result KIC was notified. KIC removed the closure immediately after notification from the department and came up with a plan to safely perform the work at a later date.	agree	3/12/2019 9:51:56 AM -06:00	Audit Comment	MOT department also saw it was unsafe and pulled the closure to address safety issues and overall operations	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/14/2019 8:55:18 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		See item 1.		5/20/2019 8:16:27 AM -06:00	Audit Comment	see item 1	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/3/2019 5:01:22 PM - 07:00	Quality Standards for Work Zone Traffic Control Devices as guidance to use in assessing the quality of traffic control devices used in construction zones. Copies of this publication can be obtained by contacting the Safety and Traffic Engineering Branch at (303) 757-9654.		The signs that were placed were in good working order.	Conformance	1/2/2019 12:37:08 PM -07:00	C		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:06:18 PM - 07:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		During the closure it was noted that the arrow boards used for the double lane closure on WB I-70 at I-270 were very dim. Crews were alerted of the issue and immediately mobilized to address the issue.	Conformance	1/9/2019 9:27:53 AM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:56:21 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Properly located and brightness is correct	Conformance	3/22/2019 9:18:15 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/21/2019 9:24:02 AM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board East bound I-70 was in place but not functioning. Left lane East bound was coned.	NCR Generated	4/24/2019 8:28:12 AM -06:00	NC-2	NCR 828 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		A left lane was closed using a W1-6 sign in place of an arrow board. See Item # 171 on the attached report.	889 created	4/15/2019 10:48:20 AM -06:00	NC-2	NCR 889 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Crews did a good job at recognizing where additional devices were needed and installed them.	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/10/2019 9:22:05 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		The approved MHT shows this closure to only be implemented at night. The closure was implemented during the daytime & was not implemented per the approved MHT. The UTC was not present along with missing signs.	NCR generated	4/29/2019 2:16:41 PM -06:00	NC-2	NCR 912 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		WB Steele Off Ramp Closure/Detour: Cones were not placed per the MHT as a result drivers were given the chance to try to exit and found it was closed.	881 created	4/15/2019 10:42:33 AM -06:00	NC-2	NCR 881 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		EB Central Park On Ramp Closure/Detour: The right thru lane which started south of 40th was not coned off per the MHT. Devices were placed north of 40th as a result a right lane was closed without proper signage or an arrow board. The lane should have been taken south of 40th when is started creating two open thru lanes with a closed 3rd lane on the right at 40th, instead 3 thru lanes were open. This right lane turns into a dedicate lane for the EB I-70 On Ramp. See attached markup.	881 created	4/15/2019 10:42:13 AM -06:00	NC-2	NCR 881 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp: Devices in one location were hit by a driver crews were aware and en-route to fix when contacted.	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:33:00 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Crews left the area and drums were not closed per the RFC plans. Attached are photos and the plan sheet.	887 created	4/15/2019 10:51:39 AM -06:00	NC-2	NCR 887 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/2/2019 4:56:59 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Cones which were set in the field did not follow the layout on the MHT. Attached is a markup of the MHT showing how the cones were set.	876 made	4/15/2019 10:40:10 AM -06:00	Audit Comment	NCR 876 made	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:56:21 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelized got devices correct	Conformance	3/22/2019 9:18:15 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/3/2019 5:01:22 PM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		The Detour plan sheet # EMT-1044 has the missing detour sign included. Please ensure that the detour plan are implemented appropriately.	This issue was discussed and agreed.	3/11/2019 2:03:09 PM -06:00	Audit Comment	Detour plans will be implemented correctly in the future	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:34:09 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Crews left the area and drums were not closed per the RFC plans. Attached are photos and the plan sheet.	893 created	4/15/2019 10:45:04 AM -06:00	NC-2	NCR 893 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/8/2019 12:29:36 PM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Failed to follow KIC MHT #199 to shorten the turn pockets along NB Peoria as approved and written on the Lane Closure Report. Entirety of turn lane was closed to NB traffic. See attachment for reference.	NCR 761 Created	3/11/2019 8:35:48 AM -06:00	NC-2	NCR 761 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM -07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	2/5/2019 2:59:48 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:06:18 PM -07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Tapers were the proper length.	Conformance	1/9/2019 9:27:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/3/2019 5:01:22 PM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		The signs and upstream taper lengths placed for the closures on the main lanes were in conformance.	Conformance	1/2/2019 12:37:08 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Cones on the EB I-70 on ramp from Colorado shall be changed out for drums if they are intended to be in place for the long term.	968 was created	5/7/2019 10:19:18 AM -06:00	Audit Comment	NCR 968 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/21/2019 9:24:02 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices were in place per contract specs.	Conformance	3/20/2019 1:17:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Compliance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Crews failed to installed temporary barrier prior to starting work in the area as shown on the RFC MOT sheets. This was brought to their attention and they installed the barrier that night.	closed	4/15/2019 10:48:39 AM -06:00	Audit Comment	Barrier was installed the next night	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:33:00 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary barrier wall was installed at the locations shown on the plans. Entrances between EB & WB were staggered to prevent vehicles from entering the opposing direction of travel. (Noted on the attached Markups) Attenuators were installed at all required locations.	Conformance	4/5/2019 9:33:52 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Crews were notified of the missing barrier on NB Colorado separating pedestrians from traffic. Crews installed this barrier less than 12hrs later.	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier wall which starts at the South abutment on the SB Colorado over I-70 Bridge does not have proper end treatment. See attached audit report.	968 was created	5/7/2019 10:19:31 AM -06:00	NC-2	NCR 968 Created	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier was correctly placed	Conformance	8/9/2019 10:58:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/18/2020 9:59:56 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Incorrect bolts and bolt pattern noted to be utilized for connection from barrier to impact attenuator. Manufacturer installation manual shall be utilized for proper installation of impact attenuator to ensure functioning as designed. Please ensure all end treatment systems project wide follow the proper bolt pattern and use correct size/provided bolts and washers.	NCR written	7/1/2020 12:48:38 PM -06:00	NC-2	NCR's 0533 and 0534 were written to address this issue	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/18/2020 9:59:56 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Drop Pin placed between pin and loop barrier was placed incorrectly and does not go through all hooks. This barrier was assumed to be moved by a night crew to mobilize equipment into and out of the work zone, and at end of shift the barrier was not properly set back in the correct way.	NCR written	7/1/2020 12:48:41 PM -06:00	NC-2	NCR's 0533 and 0534 were written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/18/2020 9:59:56 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Short and Long Drop Pins installed in the Sled Transition piece of end treatment system are missing keeper pins per the installation manual. Please ensure all end treatment transition pieces project wide are installed with keeper pins so system will function as designed.	NCR written	7/1/2020 12:48:35 PM -06:00	Audit Comment	NCR's 0533 and 0534 were written to address this issue	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/14/2019 2:24:31 PM - 07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		WB I-70 barrier wall at the emergency pull-off was checked and the J-hooks were fully engaged. Due to safety issues the EB I-70 barrier could not be checked.	Conformance	2/14/2019 12:50:24 PM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:34:09 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary barrier wall was installed at the locations shown on the plans. Entrances between EB & WB were staggered to prevent vehicles from entering the opposing direction of travel. (Noted on the attached Markups) Attenuators were installed at all required locations.	Conformance	4/5/2019 9:35:56 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barrier was installed correctly with proper end treatment.	Conformance	12/2/2019 10:22:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete Barrier was placed with an acceptable slide zone, and connected correctly.	Conformance	12/4/2019 6:22:31 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed according to manufacturer recommendations.	Conformance	12/2/2019 10:22:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:34:09 PM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		The attenuator located at approx. Sta. 2106+00 (100' east of Dahlia bridge) had cells which were low on fluid (Photo #3a) and the nose piece was not attached to the first cell of the SLED system (Photo #3b).	895 created	4/15/2019 10:44:54 AM -06:00	NC-2	NCR 895 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/14/2019 2:24:31 PM - 07:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		The WB I-70 SLED was checked and all modules appeared to be full, one float was missing from a filled module. It was noticed during the inspection that the keeper pins (R-Pins) were missing from the T-Pins.	Closed	3/14/2019 3:55:15 PM -06:00	Audit Comment	Attenuator installation quality checks will be reviewed with crew and missing parts were addressed	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:33:00 PM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		One of the cells in each of the following attenuators was missing a float: construction entrance right after Dahlia & the construction entrance right before Holly.	addressed	4/15/2019 10:51:50 AM -06:00	Audit Comment		Closed

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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Compliance	Conformance	4/4/2019 3:48:33 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs which were in place were in conformance.	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM - 07:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.	(1) The closure of the auxiliary lane for the WB Havana Exit did not follow the M&S plans due to the length and size of the lane this should have followed Case 22 of the M&S plans being similar to a right lane closure. The closure implemented was MHT #164 combined with an exit opening for a typical right lane closure.	676 created	2/25/2019 10:03:44 AM -07:00	NC-2	NCR 676 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM - 07:00	Signs installed properly and in satisfactory condition	(2) The WB Havana On Ramp was missing the following signs: -(2A) PCMS board was dark and would have been shared with the EB On Ramp closure -(2B) A Ramp Closed sign should have been installed in the NB aux. lane with a type 3, only cones were installed. (3) The EB Havana Entrance Ramp Closure did not follow the MHT or M&S. The auxiliary lane for the ramp was closed by placing cone across the lane approximately 50-100ft from the ramp. This lane should have been closed by either a typical right lane closure or taking the lane south of 40th prior to it starting. Also this	676 created	2/25/2019 10:03:53 AM -07:00	NC-2	NCR 676 Created	Closed

						<p>closure was missing the following signs: -{3A} Ramp Closed sign and Ty. III in the auxiliary lane showing NB traffic the lane/ramp is closed. -{3B} I-70 East Detour sign assemblies were missing. -{3C} PCMS board for this closure was dark & would be shared with the WB closure</p> <p>(1) Detour Signs for the WB Havana Off Ramp were installed per plan.</p>					
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition	Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:07:02 PM - 07:00	Signs installed properly and in satisfactory condition		Signs were installed in a satisfactory condition. Below are few items to keep an eye on for future closures: (1) Placement of signs in relation to existing signs. The NB I-25 message board was partially obscured by an existing large Exit Sign at a gore & the installed Detour tree at Central Park WB on Ramp was blocked by the PCMS. (2) TCS found that the EB I-70 PCMS lost connection and did not turn on which was corrected later in the evening. (3) A detour tree for WB I-270 to WB I-76 was not noticed when driving the detour route.	Closed	3/14/2019 3:56:37 PM -06:00	Audit Comment	Full closures of the highway will be addressed in MOT taskforce	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Signs installed properly and in satisfactory condition		Signs which were in place were in conformance.	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed

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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Signs installed properly and in satisfactory condition		Signs on SB Steele were not properly spaced as a result 3 static signs and a PCMS were placed within a 200ft distance. Items 176 & 178.	889 created	4/15/2019 10:49:58 AM -06:00	NC-2	NCR 889 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs installed properly and in satisfactory condition		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs installed properly and in satisfactory condition		WB Steele Off Ramp Closure/Detour: The First of 2 Type III's with exit closed signs was not installed.	881 created	4/15/2019 10:42:48 AM -06:00	NC-2	NCR 881 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs installed properly and in satisfactory condition		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/2/2019 4:56:59 PM - 06:00	Signs installed properly and in satisfactory condition		The crew set the cones for the right lane closure prior to installing the advance warning signs. See photo 1 along with the mark up showing the missing signs.	876 made	4/15/2019 10:39:51 AM -06:00	NC-2	NCR 876 made	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/21/2019 9:24:02 AM - 06:00	Signs installed properly and in satisfactory condition		Advanced warning signs were not placed until after East bound I-70 left lane was closed	NCR Generated	4/24/2019 8:28:05 AM -06:00	NC-2	NCR 828 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:56:21 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Crews failed to install signs and flaggers as shown on the plans. As a result truck traffic was detoured through residential streets and a truck was also observed driving the wrong way down a one-way street.	840 created	3/26/2019 3:59:41 PM -06:00	NC-2	NCR 840 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:55:10 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Night time striping operation on 46th Ave being performed without an approved MHT. NOTE: Attenuator Truck was displaying a left arrow instead of caution mode. Putting traffic in both directions in one lane. Only MHT approved at this time for a one lane operation on a two lane, two way roadway is a flagger operation. MHT KIC #101	NCR was generated although the NCR number noted has a typo it should be NCR 847.	4/29/2019 12:16:57 PM -06:00	NC-2	NCR 837 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		WB Steele Off Ramp Closure/Detour: The detour route identifiers per the RFC were not installed and the PCMS boards were not installed. Attached is a markup.	881 created	4/15/2019 10:43:17 AM -06:00	NC-2	NCR 881 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		EB Central Park On Ramp Closure/Detour: The PCMS was not instead per the RFC plans for the detour. The RFC sheet attached shows it should have been placed south of 40th instead it was placed north of 40th.	881 created	4/15/2019 10:43:10 AM -06:00	NC-2	NCR 881 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Some signs were not installed or removed per the RFC plans. See items 173, 174, 179, 180, & 181.	889 created	4/15/2019 10:48:49 AM -06:00	NC-2	NCR 889 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Various signs were noted as missing (ie. one way, right turn only, do not enter, wrong way, etc.). See the audit report attached to item #1.	968 was created	5/7/2019 10:19:55 AM -06:00	NC-2	NCR 968 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:07:02 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The detour route was implemented correctly and the over closure worked great.	Conformance	1/9/2019 9:28:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/9/2019 3:06:18 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The overall closure functioned properly. Below are some items to pay attention to on future closures: (1) the MHT comments provided by the department & CCD were not addressed prior to implementation (2) The NB I-25 opening for the Washington Exit was missing the right lane closed ahead sign, the message board, & the cones on the right edge at the exit opening. (3) Midlane devices were missing in the lane closures.	Closed	3/14/2019 3:47:50 PM -06:00	Audit Comment	Future full closures are addressed within MOT task force	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	2/14/2019 2:24:31 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Per the detail for Emergency Pull-Offs signs should be installed to make drivers aware of the Emergency Pull-Off. These signs were not installed during the traffic switch which required these pull offs. The MOT team was made aware of this issue and is self reporting on an NCR.	NCR 717 created	2/25/2019 10:08:34 AM -07:00	Audit Comment	NCR 717 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		See Item #2.	676 created	2/25/2019 10:04:00 AM -07:00	Audit Comment	NCR 676 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	4/5/2019 2:34:09 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		When the entrance was in use last week trucks Entering signs were not installed prior to the construction entrance when it was in use. This week a sign was installed although it did not match what was shown on the plans and has been up when the entrance is not in use.	893 created	4/15/2019 10:45:11 AM -06:00	NC-2	NCR 893 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM - 07:00	Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	2/5/2019 2:59:48 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	4/15/2019 10:40:55 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Check that the signs are clean, legible, and in good repair.		WB I-70 Single left lane closure Central Park On Ramp to Dahlia	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Check that the signs are clean, legible, and in good repair.		EB I-70 Single left lane closure Dahlia to Central Park Off Ramp	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	4/3/2019 3:50:43 PM - 06:00	Check that the signs are clean, legible, and in good repair.		Signs which were installed were in good repair and legible.	Conformance	4/3/2019 12:48:41 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/25/2019 1:56:21 PM - 06:00	Check that the signs are clean, legible, and in good repair.		Signs are legible, clean and in good repair.	Conformance	3/22/2019 9:18:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Conformance	Conformance	2/22/2019 4:10:17 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM -07:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Conformance	Conformance	2/5/2019 2:59:48 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM -06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Signs were not bagged/swapped out. See item 181 & 180.	889 created	4/15/2019 10:49:01 AM -06:00	NC-2	NCR 889 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM -06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Existing sign on SB just north of 48th was not changed per the plans & the large guide sign on the EB I-70 on ramp was not masked per the plans. See the audit report attached to item #1.	968 was created	5/7/2019 10:20:02 AM -06:00	NC-2	NCR 968 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/9/2019 12:57:09 PM -07:00	Confirm that that sign and barricade sheeting placed on the project is in compliance with the CDOT Construction Zones Retroreflective Sheeting Materials Guide.		Conformance	Conformance	2/5/2019 2:59:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal	1/14/2019 11:26:30 AM -07:00	It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Sawing and cutting operations were performed in a manner to allow for controlled breaking, and for ease of removal.	Conformance	1/10/2019 11:09:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal	1/14/2019 11:26:30 AM - 07:00	Material from pavement saw cutting operations shall be cleaned from the roadway surface during operations using a vacuum. A BMP, such as a berm, shall be placed to contain slurry from joint flushing operations until the residue can be removed from the soil surface. Aggregate bags, erosion logs or other permeable BMPs shall not be used. Residue shall not flow into driving lanes. It shall be removed and disposed of in accordance with subsection 107.25(b)13.		CDOT Spec 208.04: Material from pavement saw cutting operations shall be cleaned from the roadway surface during operations using a vacuum. A BMP, such as a berm, shall be placed to contain slurry from joint flushing operations until the residue can be removed from the soil surface. Aggregate bags, erosion logs or other permeable BMPs shall not be used. Residue shall not flow into driving lanes. It shall be removed and disposed of in accordance with subsection 107.25(b)13. No vacuuming of residue was observed, along with no berm in place to contain slurry. Slurry containment and recovery has been previously identified as a non-conformance item.	NCR - 595 Created.	5/13/2019 6:52:11 AM -06:00	NC-2	NCR-0595 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		IQC and PC testers passed the compaction on the structure backfill around the ITS manhole on 2/18/2019. Various attempts to backfill were made over a two week period, but failed multiple times on moisture and temperature. The Class 2 brought on site originally had visible clumps of snow and had a temperature around 30 degrees, which IQC failed upon visual inspection of soil.	Conformance	2/26/2019 3:23:49 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Site passed IQC and PC inspection of compaction. Compaction was completed and in compliance with CDOT Standard 206.03 Structure Excavation and Structure Backfill. Manhole installed on 2.28.18 at STA2402+36	Conformance	3/5/2019 2:20:47 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	3/8/2019 4:21:36 PM -07:00	Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Manhole at Station 2391+39 was back filled with lifts conforming to Section 206 and tested by both PC and IQC testers.	Conformance	3/8/2019 2:15:15 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	3/25/2019 1:53:24 PM - 06:00	Backfill around the Manhole TMS excavation shall conform to Section 206, Strcuture Backfill (Class 2).		Conduit was not run into manhole before Sturgeon began backfilling. The area that will have to be re-excavated to install conduit into manhole was not tested for compaction every 6 inches(CDOT standard spec 206.03). The surrounding area however was tested for compaction. Sturgeon will have to test for compaction once the conduit installation into the manhole is completed.	Response acceptable.	5/15/2019 3:27:37 PM -06:00	Audit Comment	Agree. The area will be re-worked when the conduit is installed.	Closed
Central 70	C 0704-241	ITS	Electrical	3/25/2019 1:53:24 PM - 06:00	A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite mix was placed below manhole.	Conformance	3/25/2019 12:16:05 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite-gravel was installed and upon placement of Manhole on top of granite-gravel a test to verify that manhole was level was completed and passed. Manhole installed on 2.28.18 at STA2402+36	Conformance	3/5/2019 2:20:47 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		12 Inches of 3/4 granite-gravel was installed below the ITS manhole at station 2391+39. Manhole set on 2/5/2019.	Conformance	2/26/2019 3:23:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed was approved by IQC.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design was reviewed and approved by IQC.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The contractor used a concrete mix design that had been reviewed and approved by IQC.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design has been reviewed and approved by IQC.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		I checked a few of the concrete tickets and the mix design was one that had been reviewed and approved by IQC.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete that was placed was of the correct mix design, which had been reviewed and approved by IQC.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Submittal has been reviewed and approved by IQC.	Conformance	3/6/2019 2:01:04 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete placed was correct, and was reviewed and approved by IQC.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete placed was an approved mix design that have been reviewed by IQC.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design was one reviewed and approved by IQC.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design placed for 624-W4 was reviewed and approved by IQC.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design that was placed was reviewed and approved by IQC.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix utilized previously reviewed and approved by IQC.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The bridge deck was poured using an IQC reviewed and approved mix design.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than 2 years old.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		Concrete mix design utilized complies with requirement of not being more than 2 years old.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design placed for 624-W4 is not more than two years old.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design was not more than 2 years old.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	The Concrete mix design being used is not more than 2 years old.		Concret Mix has been re-approved and is updated with new expiration date, as depicted within the APL.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is not more than two years old.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than two years old according to the mix design sheet.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than two years old according to the date on the mix design.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The use of approved accelerating, retarding or hydration stabilizing admixtures to existing mix designs will be permitted at the discretion of IQC when documentation includes the following: (1) Manufacturer's recommended dosage of the admixture (2) A letter stamped by the Concrete Mix Design Engineer approving the changes to the existing mix design.		Approval has been provided by IQC for use of hydration stabilizer, with the appropriate dosages being provided by the manufacturer.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		All Concrete Batch Tickets are collected from truck driver upon arrival to site.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The Contractor collected all of the batch tickets and no trucks were rejected.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The Contractor collected all of the batch/delivery tickets and no trucks arrived without tickets.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch tickets for each load of concrete and no trucks arrived without a batch ticket.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected all batch/delivery tickets for each load of concrete and no trucks did not have tickets.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch/delivery tickets for each load of concrete. No trucks arrived without a ticket.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch tickets for each load of concrete and there were no trucks without tickets.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Contractor has collected the two batch tickets for the two trucks (Total 16 CY) utilized for placement of Columns 1 & 2 of Pier 2.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch/delivery tickets for each load of concrete and no trucks were rejected.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected all three batch/delivery tickets and no loads were rejected.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Required information has been provided on each batch ticket.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		All of the required information was on each of the batch/delivery tickets.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		The batch tickets had all the required information.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Required information has been provided on each batch ticket, which in turn has been collected by by contractor staff upon truck arriving at job site.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		No additional information pertaining to exactly what was delivered and tested at the placement site appears to have been added by the contractor to the batch tickets, as described in the requirement (i.e. discharge time, w/c ratio, etc.).		4/30/2019 7:36:58 AM -06:00	Audit Comment	The process to document water added, revolutions, discharge time, and location of batch in placement on the batch ticket will be reviewed in greater detail. This information is critical to document a successful concrete pour. KIC continues to appreciate the oversight provided by CDOT in our operations.	Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The Contractor added the information to the batch tickets as required.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added all of the required information to the batch tickets at the placement site.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added all of the information required to the batch tickets.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added all the required information to the batch/delivery tickets.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within the allowable time frame after batching, and the temperature of the mix was below the maximum allowable temperature, less than 90degF.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within time limits for the situation and concrete mix design used.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		All concrete placed was within the specified time limit.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		The concrete for the wall stem was placed within the time limit after batching.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete has been placed within the following times after batching: a) 90 minutes when concrete is delivered in truck mixers or agitating trucks a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if: (1) No water is added after 90 minutes. (2) The concrete temperature prior to placement is less than 90 °F a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below: (3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture. b) 60 minutes when delivered in non agitating trucks.		Concrete placement occurred during the allowable timeframe after batching.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		A minimum of 20 revolutions within the mixing drum of the truck was performed upon arrival to the job site, prior to any discharge.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		No additional water was noted to have been added at the delivery site, which would require additional 20 revolutions of mixer drum at mixing speed.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		The trucks that I observed were within the slump range specified and had no water added to them.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		None of the trucks arrived with a low slump so no water was added on site.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		5 Gallons of water was added to the first of the two trucks, and was mixed with minimum of 20 revolutions prior to any discharge.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		All concrete trucks that arrived on site had an accurate and operating water measuring device.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		I checked all of the trucks and each had a water measuring device in good working condition.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		I checked all of the trucks that arrived on site and all had water-measuring devices that were in good working order.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		Water-measuring device noted to be in a working condition on mixer trucks, and available to use should any water need to be added after truck has left the plant.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		I checked the trucks that arrived at the wall site and each had a functioning water measuring device.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		Concrete delivered for placement of 615-W3 footing has conformed to the minimum specified air content.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms observed and documented to have wear and tear. Stayfoam documented by IQC to have been used in corners by steps, elevation changes, to stop potential leaks through these areas.		4/30/2019 7:37:33 AM -06:00	Audit Comment	Although forms do wear during the construction operations, there is a point where forms need to be replaced. Wear and tear is subjected but noted. IQC will continue to monitor the performance of the form work and replace as necessary.	Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms for pier cap 5 were sufficiently tight and rigid to prevent distortion.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms and all were mortar tight and sufficiently braced to prevent distortion and blow-outs.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		All forms appeared to be mortar tight and were sufficiently braced to avoid distortion.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and were sufficiently braced and rigid to prevent distortion due to the pressure of the concrete and other incidental loads such as from concrete vibrators.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms during a pre-pour walk through and they appeared to be well constructed and braced.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms installed are mortar tight and rigid enough to prevent any distortion due to concrete pressures and other incidental loads during concrete placement operations.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are sufficiently rigid to prevent distortion due to concrete loads, and incidental loads during concrete placement operations.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The contractor used metal coping forms that were tightly bolted together and shored.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		All wall forms are mortar tight and sufficiently rigid to prevent distortion due to the concrete load and other loads incidental to construction.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The overhang forms that I observed were mostly mortar tight but the contractor had sealed some of the wider seams in the forms that were caused by it being a curved bridge.	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms placed for cap beam are mortar tight and sufficiently rigid to contain the pressure of the concrete and prevent distortion.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were solidly put together and braced, and were mortar tight and rigid.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I walked the deck infill area and walked underneath the bridge, and all deck forms appeared to be mortar tight and well braced.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms prior to the deck pour and all forms appeared to be mortar tight and sufficiently rigid. No dripping of mortar was noted during the pour.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms and all appeared to be sufficiently mortar tight and rigid to prevent distortion.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The forms were constructed and maintained using form ties.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		All infill deck forms were well constructed as to prevent opening of joints.	Conformance	4/3/2019 7:01:24 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Formwork has been constructed and well maintained to prevent opening of joints.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The forms were constructed and maintained in a way to prevent opening of the joints.	Conformance	3/22/2019 9:21:18 AM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The contractor used sufficient form ties to prevent opening of joints and no twisted wire loops were used.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms observed and documented by IQC to have minor bends at locations where the forms no longer match up together.		4/30/2019 7:37:38 AM -06:00	Audit Comment	Although forms do wear during the construction operations, there is a point where forms need to be replaced. Wear and tear is subjected but noted. IQC will continue to monitor the performance of the form work and replace as necessary.	Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Location to receive concrete placement was clean of concrete splatter from previous pours, as well as loose tie wire, debris, and dirt.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were clean and the contractor had covered the cap prior to the pour to prevent water, snow or other deleterious materials from getting into the forms.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I checked the column forms as they were installed and all were clean and had form oil. The column had a tarp placed on top that was removed just prior to placement, and this prevented any rain, snow or other deleterious materials from entering the form.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The surfaces of the forms were clean of any deleterious materials.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms have been cleaned of all foreign debris prior to concrete placement.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were clean and the contractor sprayed the grade and forms with water before concrete placement.	Conformance	7/16/2019 7:25:54 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside of the forms were clean of any deleterious materials.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were cleaned of any deleterious materials before being placed.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surface of all forms are clean as they are all of new material.	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms are clean of any deleterious materials.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were cleaned of any foreign material prior to placement of concrete.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned of all foreign debris prior to concrete placement.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I observed the contractor cleaning and oiling the forms.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surface of all forms were cleaned of deleterious materials prior to the deck pour.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms and the construction joint at the deck were clean of all deleterious materials.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with an approved form oil.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The contractor coated the forms with a form oil from the approved products list.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were thoroughly coated with a form oil from the approved list	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The form surfaces were thoroughly coated with form oil prior to being placed except for surfaces with form liners.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The contractor sufficiently coated the forms with a form oil from the approved products list.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were thoroughly coated with an approved form oil.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		All column form sections were thoroughly coated with form oil prior to placement and assembly.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Reinforcement of wall footer noted to be in place, formwork connected, and PC / IQC Checklists performed prior to concrete placement beginning.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		I observed the concrete pour and all the forms and embeds were secure and in place before the pour started.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All forms were complete and well braced before the concrete pour started.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work with constructing the forms and embedment was complete before the concrete placement commenced.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with abutment cap was in place, inspected, and approved by IQC.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work associated with the SIP and overhang forms was complete before concrete placement started.	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited into the forms until all work associated with abutment, including all reinforcement and embedded materials, was installed, and inspected and approved by IQC.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms was completed and there were no embeds in the section that I observed.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All reinforcing, placement of forms, clearances, and any additional work was completed prior to placement of concrete within the forms.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with the forms was completed prior to concrete placement.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Forms were chamfered as shown on the plans, at all expansion joints and weakened planes in the cap beam.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Forms were chamfered as shown on approved plans with 3/4" triangular fillets.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Concrete forms were chamfered in all required locations.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Forms were chamfered as shown on the plans.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		The form oil used is an approved one.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with an approved compatible form oil.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		The forms were treated with a form oil from the approved products list.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were moistened with water using the water hose from the concrete trucks.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		The ground under the wall was sprayed with water prior to concrete placement.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood formwork was thoroughly moistened with water immediately prior to concrete placement.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		The wood forms were thoroughly moistened prior to placement of concrete.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms thoroughly moistened prior to concrete placement.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened before pouring concrete, using the water hose from each concrete truck.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		The forms and the ground were thoroughly moistened using the concrete truck water hose immediately before placing the concrete.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		All falsework drawings, including revisions, shall be prepared by the Contractor's Engineer, shall meet the requirements of subsection 601.11, and shall be provided by the Contractor to the Engineer for record purposes only. The drawings shall be signed and sealed by the Contractor's Engineer.		Falsework drawings were prepared by the Contractor's Engineer and meet the requirements of subsection 601.11. These were provided by the Contractor to the Engineer for record purposes, and were signed and sealed by the Contractor's Engineer.	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The cap contained post-tension ducts that were accurately placed and secured.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded epoxy coated reinforcing dowels were installed and adequately secured.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		Weep holes were placed at the proper locations and elevations.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		Weep holes were placed at the proper location and elevation due to more than 4 feet of the wall being exposed.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters and all necessary wires and connectors were provided by the contractor.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied and placed maturity meters.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided and placed maturity meters, wiring, and connectors and I observed these in the area of the concrete barrier rail.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters provided by contractor and installed on both columns with the necessary wires and connectors.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters and all necessary wires and connectors were provided by the contractor.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Structures PC (Megan Brown) installed a maturity meter in the left side of the approach slab at the barrier.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied and placed all maturity meters, wiring and connectors.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wiring and connectors.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meter, along with all necessary components, has been provided by the Contractor.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		I checked the forms before placement and all maturity meters and wiring was in place.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		The forms were not removed before the concrete was strong enough to withstand form removal.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms are not removed until minimum compressive strength is achieved, per the maturity meter readings.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		The column forms were not removed before the correct compressive strength, verified by maturity meters, was reached.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Formwork for any portion of the structure was not removed until the concrete was strong enough, as dictated by the maturity meter, to withstand damage when forms were taken off.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Formwork was not removed until the concrete was strong enough to withstand damage when the forms were removed. Concrete strength was determined by maturity meters in place.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters as per the specifications.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		For each column at Pier 2, maturity meters in place to determine compressive strength of concrete.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		The contractor placed and will use maturity meters for the compressive strength of the deck concrete.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Acceptance cylinders were not used a means of determining compressive strength to remove formwork.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Acceptance cylinders were not used to determine strength for removal of forms.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Form removal was not started until the required compressive strength was achieved and this was determined by using the maturity meters.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Deck slab forms between girders shall be constructed with no allowance for settlement relative to the girders.		Deck slab forms were constructed with no allowance for settlement relative to the girders.	Conformance	7/8/2019 9:56:42 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	Deck slab forms between girders shall be constructed with no allowance for settlement relative to the girders.		The SIP form were constructed with no allowance for settlement relative to the girders.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joint at the deck was clean of any deleterious materials and curing compound.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joints were adequately cleaned before the next pour.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Construction joints are at approved locations on the plans or placing schedule.		The transverse construction joint was placed in the correct location between piers 4 and 5.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Construction joints are at approved locations on the plans or placing schedule.		Construction joints are at the plan locations.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The contractor pre-moistened the construction joint at the deck.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The vertical construction joints were SSD.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Concrete shall not be placed on frozen ground.		The ground was not frozen at the time of concrete placement.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground. Area remained heated and covered prior to concrete placement.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Area to receive concrete remained covered and heated prior to concrete placement.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		The contractor covered the top of the form with a tarp after the form was placed, preventing any rain, snow or frost from entering the form.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		The contractor covered the cap form with a tarp to prevent any ice, snow or frost from getting into the form.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Salt shall not be used to thaw ice, snow, or frost.		No salt was necessary for any snow or ice removal operations in or around the concrete placement operations, more importantly within the formwork.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete placed in accordance with the approved placing sequence		Concrete placement followed approved placing sequence.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with approved placement plan.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with approved placement sequence.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	Concrete placed in accordance with the approved placing sequence		The bridge deck concrete was placed using an approved placing sequence.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete placed through the use of a pump truck, and process consisted of placing in required lifts to ensure proper consolidation was achieved with vibrator.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete pump truck chute was lowered near to base of column to ensure concrete was not dropped more than 5 feet. Chute was brought up with each subsequent lift of concrete.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		I observed the bridge deck concrete pour and never saw the concrete being dropped for more than 5 feet.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was dropped less than five feet from the concrete bucket into the forms.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was confined in a pipe but was not dropped more than five feet.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The contractor used a funnel for concrete placement and no concrete was dropped for more than 5 feet.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was dropped from form height, which is less than five feet.	Conformance	6/17/2019 12:38:31 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than five feet during placement.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet during placement operations.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was enclosed by a closed chute.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was not dropped more than 5 feet and was enclosed by a tremie pipe.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed using a bucket and was not dropped more than five feet.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the concrete pour and the concrete was placed near the final position and was not excessively vibrated to move it into place.	Conformance	1/24/2019 8:41:00 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The Contractor used the tremie pipe to place the concrete close to its final position so that it didn't have to be moved with the vibrator.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		A 2 CY concrete bucket & CAT 335F Excavator was used to deposit concrete as close to its final position as possible.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible within the forms.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible within the forms.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed close to the final position and was not moved with the vibrator.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the concrete being placed close to the final position and not being moved (dragged with a vibrator).	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed concrete being placed near the final position and never saw it being moved by dragging it with the vibrator or any other means.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in forms as close to final position as possible.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum equipment was used during pumping, placement or finishing.	Conformance	9/17/2020 5:24:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The concrete was placed using a steel concrete bucket and the concrete truck chutes were made of steel also.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Concrete bucket utilized during placement operations remained free and clean of coatings of hardened concrete.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All the concrete truck chutes were free of concrete build up as was the funnel used for placement.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Concrete truck chute kept clean and free from hardened concrete.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Required lifts of not more than 18 inches was followed, and was properly consolidated to avoid formation of construction joint within the column forms.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was not placed in excessive layers over 18".	Conformance	9/17/2020 5:24:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not exceeding 18 inches in thickness. Each layer was consolidated to avoid the formation of a construction joint with the preceding layer.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was not placed in excess of 18" layers, and was properly consolidated during placement operations.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not exceeding 18 inches in thickness. Each layer was consolidated so as to avoid formation of construction joints with preceding layers.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All external surfaces of concrete were thoroughly worked during placement to produce a smooth finish that is substantially free from water and air pockets.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All external surfaces were thoroughly worked during placement to force coarse aggregate from the surface and bring mortar against the forms to best produce a smooth finish that was substantially free of water and honeycombing.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surfaces of concrete were adequately and thoroughly worked to ensure coarse aggregate was forced away from the surface, and to bring mortar against forms for a substantially honeycomb free final surface.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The concrete was finished by hand using magnesium hand floats.	Conformance	9/17/2020 5:24:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All external surfaces of the concrete bridge deck were worked using tools of an approved type and material (no aluminum). The bridge deck had a good broom finish with no water, air pockets or honeycomb.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Proper consolidation procedures were followed with the use of a suitable mechanical vibrator, utilized throughout entirety of pour, to include all lifts.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with suitable mechanical vibrators.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated using suitable mechanical vibrators.	Conformance	9/17/2020 5:24:37 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Consolidating of concrete was performed using adequate vibrator.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The Contractor used suitable mechanical vibrators with vibration frequencies that were checked by IQC.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated using suitable vibrators that had been checked for the correct frequency.	Conformance	1/24/2019 8:41:43 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with suitable mechanical vibrators.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The vibrators were only used to consolidate the concrete and were not used to moved the concrete into position.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators properly used during concrete placement operations.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into a position. Concrete placed as near to final position.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used a means to cause concrete to flow or run into position.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The contractor personnel did a good job with concrete placement and the vibrators were not used to drag concrete into place.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of causing concrete to flow or run into place. Pump truck chute was utilized as a means of placing concrete as close to final position as possible.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No water or finishing aids were added to the top surface of the concrete on the column to assist in finishing operations.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		The contractor finishers used no water as a finishing aid and only used fogging as a means to prevent evaporation.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Additional water or finishing aids were not observed to be added to surface during concrete finishing operations.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		Concrete remained workable during placement operations, and finishing was accomplished followed by placement of curing materials (i.e. blankets).	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		The contractor did not have a backup pressure washer and there was a delay while another one was acquired.	The issue will be addressed.	7/15/2019 12:52:45 PM -06:00	Audit Comment	Back up equipment will be discussed in the pre placement conference for all remaining bridge decks.	Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature complied with the allowable temperature range.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		The concrete mix temperature was within the temperature specifications.	Conformance	4/4/2019 9:40:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete temperature was in the required range of temperature.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		The concrete used was in the required temperature range.	Conformance	9/17/2020 5:24:37 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was within the allowable temperature range of 50-90 deg F.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete mix temperature is between 50 and 90 degrees F		Concrete mix falls within the allowable temperature range tolerance.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		The concrete was in the required temperature range.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete placement followed approved sequence, and in a manner that avoids segregation and displacement of the reinforcement.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which best avoids segregation and displacement of reinforcement.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner consistent with best practices, to avoid segregation and displacement of reinforcement.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a way to avoid segregation and displacement of reinforcement.	Conformance	6/18/2019 3:57:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a suitable manner to avoid segregation and reinforcement displacement.	Conformance	9/17/2020 5:24:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner that avoids segregation and displacement of reinforcement in the abutment cap.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete placed in manner to avoid segregation and displacement of reinforcement.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM -06:00	All surfaces have been finished properly		All of the bridge deck had a proper finish.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Caisson Walls (Old)	Walls		All surfaces have been finished properly		Surfaces in need of concrete finishing were done so properly.	Conformance	3/25/2019 7:17:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM -07:00	All surfaces have been finished properly		Surfaces properly finished for the footing of 615-W3.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was adequately primed and enough concrete discarded to produce a uniform mix.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump truck was primed at the contractors expense, and discarded enough concrete to produce a uniform flow of concrete exiting the pump.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump truck was primed at the contractors expense and discarded enough concrete to produce a uniform mix exiting the pump.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	7/10/2019 2:50:24 PM - 06:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		I observed the pump truck operator prime the pump and at least 0.25 CY of concrete was pumped and discarded. The concrete coming out of the pump after the priming was of good quality.	Conformance	7/8/2019 9:57:31 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump truck chute/hose was primed and enough concrete was discarded in order to ensure a uniform concrete mix exited the pump during placement operations.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added into the concrete pump hopper after placement operations began.	Conformance	4/29/2019 4:39:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		I observed no water being added directly to the hopper of the pump truck.	Conformance	1/24/2019 8:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added into the concrete pump hopper after placement was started.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	2/18/2019 8:37:45 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated with a continuous stream of concrete being produced for placement of abutment.	Conformance	4/4/2020 3:57:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated with a continuous stream of concrete being produced.	Conformance	4/4/2020 3:56:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	The top surfaces of concrete adjacent to the forms shall be smoothed with a trowel to minimize visible joints upon exposed faces.		Wall footing of 615-W3 was finished in a manner to minimize joints, and to smooth over where present. Joints will not be exposed from the footing.	Conformance	3/6/2019 2:01:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cast-In-Place Walls (Old)	Walls	3/6/2019 3:41:16 PM - 07:00	Immediately after the work of placing concrete is halted, all accumulations of mortar splashed upon the reinforcement and surfaces of forms shall be removed before the concrete takes its initial set. Care shall be taken when cleaning reinforcing steel to prevent damage to or breakage of the concrete-steel bond.		Concrete splatter during placement operations of footing will need to be cleaned from all reinforcing steel to prevent damage to or breakage of the concrete steel bond within the stem of the wall.	Observed concrete splatter on future placement operations by Department staff will be noted and communicated to IQC and KIC to ensure all parties aware of this requirement that is to be followed in order to comply with the standards, specifications, and PA.	4/30/2019 7:43:02 AM -06:00	Audit Comment	Concrete on rebar extensions must be cleaned to allow for proper bonding on concrete in future pours. KIC appreciates this observation and will continue to improve this part of our work. Information from the department at the time of the pour would be helpful during concrete pours.	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		Denver Water inspector on-site and approved pipe installation prior to backfill	Conformance	4/18/2019 8:12:30 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:03:27 PM - 07:00	Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		Undermining at Columbine (caused by drilled shaft operation) impacted newly installed watermain. Denver Water will need to be contacted to work out corrective actions.	Denver water inspected the water line	2/18/2020 4:37:24 PM -07:00	Audit Comment	Denver water was contacted and the work out the corrective action and implement the work.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities		Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		Denver Water inspector on-site and approved pipe installation prior to backfill	Conformance	4/18/2019 8:11:49 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Trench shall be excavated to a width sufficient to allow for proper jointing of the water line and thorough compaction of the backfill material in accordance with Section 206.		backfill passed IQC testing	Conformance	4/18/2019 8:11:49 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Trench shall be excavated to a width sufficient to allow for proper jointing of the water line and thorough compaction of the backfill material in accordance with Section 206.		backfill passed IQC testing	Conformance	4/18/2019 8:12:30 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer shall be thoroughly compacted as required. All joints, connections, valves and fittings shall be watertight.		passed pressure test performed by Denver Water	Conformance	4/18/2019 8:12:30 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:03:27 PM - 07:00	Each layer shall be thoroughly compacted as required. All joints, connections, valves and fittings shall be watertight.		Acceptance testing has not been completed but installation appears to be within spec. Denver Water's onsite inspector was involved and approved of installation.	Conformance	1/2/2020 9:40:27 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer shall be thoroughly compacted as required. All joints, connections, valves and fittings shall be watertight.		passed pressure test performed by Denver Water	Conformance	4/18/2019 8:11:49 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Top 6" of the existing subgrade shall be reconditioned by blading and rolling.		Existing subgrade was reconditioned by scarifying surface and rolling with pneumatic tire and smooth drum rolling equipment.	Conformance	8/28/2019 3:56:40 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Top 6" of the existing subgrade shall be reconditioned by blading and rolling.		Greater than the 6" of existing subgrade was reconditioned and prepared as subgrade. Soft spot repair was necessary after gas line boring. Blading and rolling was completed as required to elevation and cross-slope.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		Sufficient water was present and at optimum moisture when density tests were completed.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		No water was needed to meet density requirements. IQC achieved passing tests in the moisture density gauge.	Conformance	8/28/2019 3:56:40 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface tested for smoothness and density prior to application of any base course material.		Surface was tested for moisture density, and noted to be within conformance of the moisture density needed. Area was then proof-rolled and passed prior to any application of base course material.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Surface of subgrade was adequately maintained after subgrade finalization, and prior to the placement of 4" of base material.	Conformance	7/9/2019 3:47:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Water applied for moisture and density control, as dust palliative, and for prewetting shall be free from injurious matter.		Water applied when necessary, as a dust palliative, and done so in a safe manner.	Conformance	4/2/2019 12:46:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	4/3/2019 3:51:29 PM - 06:00	Water applied for moisture and density control, as dust palliative, and for prewetting shall be free from injurious matter.		Water is being applied as a dust palliative and is free from injurious matter, as well as being performed in a safe manner through the use of a water truck.	Conformance	4/3/2019 7:50:44 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Base course did not exceed 6" compacted.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Compacted thickness did not exceed 6" in depth.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Base was placed and compacted in one 6" lift.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Compacted maximum thickness did not exceed 6".	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Base was placed in 6" lifts.	Conformance	3/5/2021 7:07:59 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed thoroughly.	Conformance	3/5/2021 7:07:59 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		All density test performed passed with 95% or above.	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		95% of maximum density was achieved during compaction operation.	Conformance	3/5/2021 7:07:59 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Base course was compacted and density tests performed and passed.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Density tests performed and passed.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Optimum moisture was in spec.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Optimum moisture did not exceed +/- 2%.	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Compaction was achieved at optimum moisture content.	Conformance	3/5/2021 7:07:59 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content on tests taken were in spec.	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was being properly performed during compaction.	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly during compaction	Conformance	8/12/2019 2:09:42 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Water truck on site performing moisture conditioning.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primer or pavement.		Surface base course was tested with 10' straightedge by IQC.	Conformance	9/17/2019 9:36:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was tested with a 10' straightedge.	Conformance	9/5/2019 11:54:09 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed in accordance with CDOT M&S Standards.	Conformance	12/2/2019 10:22:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed as per standards.	Conformance	12/4/2019 6:22:31 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Work performed in accordance with plans and specifications to include the lines and grades of fine grading bed course material for curb and gutter placement.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Bed Course Material 703.07		Bed course material utilized for fine grading of curb and gutter is in conformance with the plans and specifications.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Graded and compacted properly?		Material was graded and compacted properly.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(b) Soft spots indentified and corrected?		Any questionable soft spots were identified and addressed correctly prior to concrete placement for curb and gutter.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(c) Cross-slope, elevation, and alignment correct?		Elevation and alignment of curb and gutter appeared to be correct and to match existing curb and gutter that was to be tied into.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(d) Ground conditions suitable?		Ground conditions were in adequate condition, smooth, hard, and of proper moisture for placement operations.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(e) Approved?		IQC observed, inspected with pre-pour walkthrough, and accepted the grade for curb and gutter placement.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Excavation. Excavation and bedding shall conform to the requirements of subsection 608.03 (a).		Excavation and bedding material conformed to the requirements as stated in previous Requirement #2.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Set to proper line and elevation?		Grade and formwork appeared to be set to the proper line and elevation per plan.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(b) Set per grade stakes?		Grade and formwork set to the survey grade stakes.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Grade trimmed to correct cross-slope and elevation?		Grade was trimmed where needed to match plan elevation and cross-slope for drainage flow-line when curb and gutter placed.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(b) Gradeline correct per grade stakes?		Gradeline appeared to be correct and within conformance per the survey grade stakes.	Conformance	3/27/2020 1:22:08 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		Lines and grades matched.	Conformance	10/1/2020 10:34:50 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Meets CCD/CDOT standards	Conformance	10/1/2020 10:34:50 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was adequate.	Conformance	10/1/2020 10:34:50 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		No signs of bulging.	Conformance	10/1/2020 10:34:50 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Joints were placed. Match C&G	Conformance	10/1/2020 10:34:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		This work consists of constructing a Concrete Panel Facing Mechanically Stabilized Earth (MSE) Retaining Wall System at the locations and to the lines and grades shown on the plans.		The MSE wall is being constructed to the lines and grades shown on the plans and as staked by survey in the field.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	This work consists of constructing a Concrete Panel Facing Mechanically Stabilized Earth (MSE) Retaining Wall System at the locations and to the lines and grades shown on the plans.		I observed the survey crew out shooting lines and grades for wall placement to the correct locations and grades.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Either metallic or geosynthetic reinforcement (woven fabrics or geogrids) as specified in this specification may be used as MSE reinforcement in the reinforced structure backfill zone.		Reinforcement within the structural backfill zone complies with the specifications.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Either metallic or geosynthetic reinforcement (woven fabrics or geogrids) as specified in this specification may be used as MSE reinforcement in the reinforced structure backfill zone.		Metallic (galvanized metal straps) are being used as MSE reinforcement in the backfill zone.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The Contractor shall submit six sets of shop drawings and certified material test reports for review prior to construction of the wall.		Class 1 Backfill Material was placed at risk by the contractor, as not all of the applicable material tests had been completed prior to construction of 624-W1. More specifically, the direct shear test report was yet to be determined at this time.	Test results since been documented and returned to Developer.	5/13/2019 6:56:34 AM -06:00	Audit Comment	acknowledged. KIC has since received the test results.	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The shop drawings shall provide the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).		Shop drawings provide the necessary details, as required, to comply with the contract for the construction of MSE Walls.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Unless otherwise specified on the plans, wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone shall conform to the requirements for Structure Backfill (Class 1) of Section 206.		The backfill material went out of the specifications and the Contractor removed the out of tolerance material and only placed new fill material when it was back within specifications.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Unless otherwise specified on the plans, wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone shall conform to the requirements for Structure Backfill (Class 1) of Section 206.		Class 1 Material is being utilized within the reinforced structure backfill zone.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise specified on the plans, wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone shall conform to the requirements for Structure Backfill (Class 1) of Section 206.		The backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone conforms to the requirements for Structure Backfill (Class 1) of Section 206.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		The concrete that I have observed being poured for the leveling pad is Class D that conforms to the requirements of Section 601 and is of an IQC approved mix design.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		Concrete utilized for leveling pad placement conformed to the requirement of Class D.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		The concrete batch tickets indicated that the concrete was of the correct class and conformed to the requirements of Section 601.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The geomembrane shall meet the requirements of subsection 712.08 for geomembrane, and shall have a minimum thickness of 30 mils.		The geomembrane meets the requirements of subsection 712.08 and has a minimum thickness of 30 mils.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The geomembrane shall meet the requirements of subsection 712.08 for geomembrane, and shall have a minimum thickness of 30 mils.		Geomembrane complies with the requirements as set forth in subsection 712.08, to include a minimum thickness of 30 mils.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The geomembrane shall meet the requirements of subsection 712.08 for geomembrane, and shall have a minimum thickness of 30 mils.		The geomembrane meets the requirements of subsection 712.08 for geomembrane, meets the required minimum thickness and is from an approved supplier.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The precast concrete panels shall conform to the requirements shown on the plans and these specifications, including the color, texture, dimensions and pattern.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The pattern on the panel installed in the northeast quadrant is not correct.	The field repair to the pattern/panel is satisfactory.	5/20/2019 8:16:57 AM -06:00	Audit Comment	The repair of the pattern is now complete. Changes were made to the form at Pacheco.	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The precast concrete panels conform to the requirements shown on the plans and the specifications including color, texture, dimension and pattern.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The precast concrete panels comply with the standards and specifications to include color, texture, dimensions, and pattern.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The precast panels conform to the requirements shown on the plans and the specifications, including color, texture, dimensions and pattern.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		The panel thickness is a minimum of 6 inches plus the depth of rustication.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		The panel thickness meets the minimum requirement of 6 inches thick, plus the depth of rustification.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed

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Central 70	C 0704-241	Construct MSE Wall	Walls		Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		Panel thickness are at least 6 inches plus the depth of the rustification.	Conformance	5/20/2019 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All unit dimensions shall be within ¼ inch of plan.		I spot checked unit dimensions and all were within 1/4" of the plan.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		I spot checked multiple panels that were square, determined by measuring between the two diagonals.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		I checked several of the panels and the difference between two diagonals was less than 1/2 inch.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The foreman shall be on the site for 100 percent of the time during which the work is being done.		I have been onsite several times and the foreman was onsite every time.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The foreman shall be on the site for 100 percent of the time during which the work is being done.		Assessor observed the foreman on-site at all times during site visits to the operation.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman has been on site every time that I have been on site for an observation.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The resume and credentials of the foreman shall be submitted to the Engineer for approval prior to the Pre-construction Conference.		Please provide location of resume and credentials for the foreman overseeing MSE Wall Construction at 624-W1, to include experience in construction of atleast five transportation related MSE walls within the last three years.	Qualifications provided.	5/13/2019 6:53:49 AM -06:00	Audit Comment	The MSE wall manager, superintendent and foreman were discussed in the pre activity. The years of experience and qualifications are in the	Closed



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Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The wall test segment shall be constructed in the presence of the Technical Representative and the Engineer and shall include construction of each of the 5 elements listed in subsection 504.11 below.		I have not seen the RECo representative on site at any point when I have been at 624-W2.	The Reco rep was on-site but was driving a vehicle with no markings indicating that he was employed by Reco.	5/20/2019 8:18:43 AM -06:00	Audit Commen t	The Reco rep has been on-site.	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The wall test segment shall be constructed in the presence of the Technical Representative and the Engineer and shall include construction of each of the 5 elements listed in subsection 504.11 below.		Assessor did not observe the Reinforced Earth Representative on-site during the initial segment of the wall constructed, which began on 624-W2 prior to the start of operations at 624-W1.	RECO to monitor work as needed and as work progresses.	5/13/2019 6:53:54 AM -06:00	Audit Commen t	RECO had a representati ve onsite for the first 2 days of constructio n on the wall. RECO will check in periodically as the work progresses	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Before the start of wall construction, the Contractor shall provide a panel-placing plan and shall supply daily placement logs to the Engineer weekly and at the completion of the wall.		Please provide location of MSE Panel-Placing Plan, to include plan for curved layouts, special corner panels, sequence of panel placement, and construction off-sets as recommended by the manufacturer.	Placement plan provided.	5/13/2019 6:54:11 AM -06:00	Audit Commen t	See pre activity meeting minutes. Each wall has a specific plan. <a href="https://portal.kiewit.com/p:/teams/BW101001271/QUA_layo	Closed



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Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		Please provide location of daily placement log for MSE Wall 624-W1 Panels, to include elevation view of wall showing dates, number of panels placed, and serial numbers of panels.	Panel placement log provided in application utilized by Developer, called Tableau.	5/13/2019 6:55:18 AM -06:00	Audit Comment	KIC keeps track of the wall placement by panel utilizing Tableau. This program and tracking mechanism has been showed to the department in multiple task force meetings.	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Leveling Pad base was compacted to required density and tested prior to any formwork, and placement of concrete for leveling pad.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		I observed the base of the leveling pad being compacted and it was the same compaction as the cut area.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		The base of the leveling pad received the same compaction as the cut area required by subsection 203.07.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		From my observations, the leveling pad received the same compaction as the cut area.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		The contractor graded the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length plus 18 as shown on the plans.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		The Contractor graded the foundation for the bottom of the wall to a width exceeding the limits of the Reinforcement Length plus 18 inches as shown on the plans.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		The Contractor graded the foundation for the bottom of the wall for a width equal to or exceeding the limits for the RL plus 18 inches as shown on the plans.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Contractor graded the foundation bottom of wall to required width, equal to or exceeding the limits, of the reinforcement length, plus 18" as shown on the plans.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	This graded area shall be compacted with an appropriate vibratory roller weighing a minimum of 8 tons for at least five passes or as directed by the Engineer.		Graded area was compacted, tested for moisture density, and proof-rolled.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		This graded area shall be compacted with an appropriate vibratory roller weighing a minimum of 8 tons for at least five passes or as directed by the Engineer.		I researched the vibratory roller being used and it weighed more than the minimum eight tons, and was being used for five passes or more.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		This graded area shall be compacted with an appropriate vibratory roller weighing a minimum of 8 tons for at least five passes or as directed by the Engineer.		I looked up the vibratory roller that the Contractor was using and it weighed more than the minimum of 8 tons and the Contractor was making more than five passes.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The maximum vertical step is less than 36 inches on the plans and in the field. The leveling pad has only been reinforced at the steps.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		After initial placement of concrete, reinforcement was not observed at the steps on the SW Quadrant of 624-W1. Area was saw cut at steps and removed entirely at this area. Reinforcement was placed and pad was re-poured to be within conformance.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The level pad vertical step in the southeast quadrant does not have reinforcing steel or a vertical concrete face on the step and is not built according to plan sheet WS306.	The level pad vertical step in the southeast quadrant was removed and replaced with reinforcing steel in place.	5/20/2019 8:17:49 AM -06:00	NC-2	Please see NCR-700	Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The maximum vertical step is no greater than 36 inches and reinforcing steel was installed at the steps.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The maximum vertical step on was less than 36 inches and none were shown on the plans greater than that. The leveling pad was only reinforced at the steps.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		The foundation of the leveling pad meets the requirements of subsection 504.11. I observed the representative at the project site on a couple of different occasions.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The foundation of the leveling pads shall meet the requirement of subsection 504.11.		Foundation of leveling pad complies with the requirements of subsection 504.11, to include reinforcement of the steps.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		The leveling pad foundation meets the requirement of subsection 504.11 and the representative has been present at this site.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		I observed the IQC tech checking the levelness of the leveling pad, and it was within tolerance.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material in place to support the bottom edge of precast panels that are directly founded on the leveling pad.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Cushions/shims were installed to support panels directly placed on the leveling pad.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Observed 2 shims placed on bottom of first layer of panels to provide protection and level panel on level pad.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		I observed no more than 2 (3/16 inch) shims per panel.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The wooden wedges shall be made from hard wood (such as oak, maple or ash).		Wooden wedges utilized are of solid, hard wood.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad concrete was cured for more than 12 hours prior to placement of the concrete panels.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling Pad was allowed proper amount of curing time prior to the placement of concrete panels.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		The leveling pad concrete was cured for more than 12 hours before setting panels.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		I observed no panels with an overall negative batter.	Conformance	5/20/2019 8:10:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		I have observed the contractor using a straightedge on the wall and have not witnessed a negative batter situation.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		I have observed the proper filter fabric material installed at all the vertical joints that I have seen.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Approved filter fabric, at least 12 inches wide, is being glued or nailed behind all vertical joints on the back face of the wall panels.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement is not connected prior to the compacted fill being at or slightly higher than the location of respective connector on the back face of the wall panel.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 Structure Backfill is being utilized within the reinforced structure backfill zone.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Plate compaction zone, within 3 feet of the back face of the wall, is not exceeding backfill requirements of 4" loose lift.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill layers are being compacted in increments of no more than 8" loose thickness.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	Each compacted layer of backfill shall be in even increments up to 8 inches thick.		The compacted layers of backfill that I have observed have been 8 inches or less in thickness.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		All the compacted layers of backfill that I have observed have been in even increments up to eight inches thick.	Conformance	5/20/2019 8:10:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Class 1 Backfill Material is being compacted and moisture conditioned to the required 95% of maximum density as identified by AASHTO T 180.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Plate compaction equipment being utilized within the 3 foot zone of the front face of the wall.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Area in front of leveling pad was backfilled as soon as practicable as the elevation of the wall increases.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		Drainage system consists of 12" wide geocomposite strip drains at 10' intervals as detailed in the shop drawings and RFC plan drawings.	Conformance	3/6/2019 2:02:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	The water collector system shall consist of a 4 inch diameter perforated collector pipe surrounded by Filter Material Class B and wrapped with class 3 geotextile.		Water collector system, under-drain, was installed utilizing a 4" diameter perforated collector pipe and surrounded with Filter Material Class B, and wrapped with Class 3 Geotextile.	Conformance	3/6/2019 2:02:13 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Walls (Old)	Walls	2/16/2019 3:34:18 PM - 07:00	The water collector system shall consist of a 4 inch diameter perforated collector pipe surrounded by Filter Material Class B and wrapped with class 3 geotextile.		The water collector system that I observed being installed was done correctly and the IQC inspector showed me several pictures of additional water collectors that were installed correctly also.	Conformance	2/15/2019 11:40:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	A 4 inch diameter non-perforated drain pipe, at 100 foot maximum spacing, shall be used to discharge the water in the water collector system out the face of the wall.		4" Diameter, non-perforated, drain pipe was installed per the detail included in the RFC plans, and complies with the standards & specifications.	Conformance	3/6/2019 2:02:13 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Walls (Old)	Walls	3/6/2019 3:42:42 PM - 07:00	Cover on the back face of the wall for horizontal and vertical joints is required between panels and shall be a drainage geotextile conforming to Subsection 712.08, a minimum of 12 inches wide, nailed or glued in place prior to placing backfill.		Cover on the back face of wall panels complies with subsection 712.08, including a minimum 12" wide geotextile nailed or glued prior to backfill along all horizontal and vertical joints.	Conformance	3/6/2019 2:02:13 PM -07:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics	3/11/2019 3:19:24 PM - 06:00	All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		Observed damaged MSE Panel placed on 624-W2 in the Southeast Quadrant.	Addressed in NCR 0773.	4/29/2019 8:37:12 AM -06:00	NC-2	Please see NCR-773	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	2/21/2019 2:44:57 PM - 07:00	Soil Compaction - M/D Gauge per CP 80		While both Tedeles and my results for % Compaction & % Moisture were within the given tolerance of 2% the Curve chosen by IQC representative Tedle could not be verified by 1-point.	Tedele retest passed.	5/7/2019 4:35:40 PM -06:00	Audit Comment	Process has changed to have PC initially select the Proctor and validate the Proctor via one point. IQC will then verify the Proctor selected by PC. If IQC density test does not correlate to the Proctor provided, IQC will perform a one point to select another Proctor for relative compaction determination.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	3/21/2019 9:21:50 AM - 06:00	Soil Compaction - M/D Gauge per CP 80		IAT & OVT 1-points matched eachother but did not match the selected IQC curve. There appeared to be a repeatable 2lb difference in points pounded by hand vs. those pounded by the auto proctor hammer.	IAT continues to run on the high end of the 2 pcf allowable difference per CDOT Field Materials Manual. This issue continues to be present in the field but a proper procedure has been developed to get 1-point results quickly and inform the contractor of any re-work due to possible failing material	6/10/2019 11:37:59 AM -06:00	Audit Comment	1-IQC,OVT, and IAT recalibrate all molds, hammers, and mechanical machine. 2-Moved mechanical machine to a better spot. 3-Also, 3 labs split a sample and ran them. In the material meeting IQC asked OVT and IAT to use non split mold. after doing all the recalibrating and testing, all labs now are in tolerance.	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:42:37 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:41:08 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfilled appropriately	Conformance	10/31/2019 7:40:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfill was an approved material, placed in uniform layers.	Conformance	6/1/2020 7:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		6 inch lifts were observed.	Conformance	6/1/2020 7:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Proper lift placement achieved	Conformance	10/31/2019 7:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement achieved	Conformance	10/31/2019 7:41:08 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:42:37 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		The work being performed does consist of shoring specific areas designated in the Contract.	Conformance	4/17/2019 2:17:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		This work consists of shoring specific areas designated in the Contract.		Work consists of shoring within the conditionally approved areas, as set forth by UPRR. At time of work proceeding, the only area noted to be unapproved is in regards to where the West Shoofly shoring interacts with the Phase 4 Abutment 1 / CBC shoring interacts. Once this approval is granted for Ph. 4 Abutment 1 / CBC, the West Shoofly Shoring approval will be issued.	Conformance	2/18/2019 11:14:11 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		Conditionally approved UPRR West Shoofly Shoring Drawings conform to the requirements to provide the necessary rigidity, and support for the loads to be imposed on during construction operations.	Conformance	2/18/2019 11:14:11 AM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The Contractor surveyed in the location of the wall and according to the drawings provided, the wall provides the necessary rigidity and supports the loads imposed to facilitate construction as shown on the plans.	Conformance	4/17/2019 2:17:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		Trench box used meets safety critical plan. Crew utilizing trench box properly	Conformance	4/29/2019 12:11:29 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		proper shoring designed and provided in safety critical plan	Conformance	4/18/2019 8:08:47 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		proper shoring designed and provided in safety critical plan	Conformance	4/18/2019 8:09:20 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		The height of the shoring does exceed 5 feet above the base of the excavation, therefore the Contractor provided shoring drawings for information only.	Conformance	4/17/2019 2:17:18 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		Shoring Drawings (UPRR West Shoofly Walls) have been provided and conditionally approved (Approved With Exceptions), to include areas where shoring will exceed 5 feet above base of excavation.	Conformance	2/18/2019 11:14:11 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		Construction of shoring elements (i.e. Soldier Piles) are being constructed in accordance with the conditionally approved shoring plans; including piles in need of temporary casing during drilling operations, as well as minimum imbedment being reached. Conditionally approved plans (as of 2/17/19) allow for WA1-WA5 & WB11-WB19 to be drilled.	Conformance	2/18/2019 11:14:11 AM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		The Contractor is constructing the shoring in conformity with the drawings provided to the Engineer.	Conformance	4/17/2019 2:17:18 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring drawings shall include 206.09 items (1) through (5).		The shoring drawings include 206.09 items (1) through (5).	Conformance	4/17/2019 2:17:18 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Shoring drawings shall include 206.09 items (1) through (5).		Applicable Requirements / General Notes have been included within the UPRR West Shoofly Walls Shoring Drawings.	Conformance	2/18/2019 11:14:11 AM -07:00	C		Closed



Central 70	C 0704-241		IAT Materials Testing		Air Content - Air Meter per AASHTO T 152		<p>A Significant Difference of greater than 0.5% was detected during a qualification of Jon Olson for 601 Concrete. After fabricating my cylinders I performed a 5% displacement calibration at my lab trailer. My Air Meter was found to be in calibration. I then asked the owner of the Air Meter in question, Lev to perform a quick check of his calibration. He did a quick check with a 5% "bomb". It initially read 5% but when I released the remaining air in the cylinder the reading became 5.4%. Lev checked 1 more time. Again it read 5% Initially. I released the remainder of the air and the reading was 5.5%.</p> <p>With all that in mind I believe it was not the fault of the tester but equipment that had been improperly calibrated or damaged. The valve did not open with ease allowing the release of the compressed air into the concrete chamber.</p>	A retest with Jon Olsen w/Yeh & Associates yielded an acceptable minor difference on Both Air content and Slump	3/8/2019 10:46:35 AM -07:00	Audit Comment	Air meter has been recalibrated . Next calibration is due June 1, 2019.	Closed
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	5/22/2019 4:41:01 PM - 06:00	Air Content - Air Meter per AASHTO T 152		A significant difference of greater than 0.5% (6.8% IQC & 5.5% IAT) was detected during a qualification of Chris Halbach for 601 Concrete. During the test he appeared to follow AASHTO T152. All three testers' unit weights were very close to each other but Chris' measured air content far exceeded both PC(PSI) and IAT. The previous concrete qualification that was performed on Chris Halbach was on 503 concrete where Air content is not required to be tested per MTIP/FMM.	The retest of Chris Halbach on 601 concrete yielded a difference well within the tolerance of 0.5%. The Tester as well as supervisors were very attentive and thorough through while addressing this significant difference.	6/11/2019 10:58:57 AM -06:00	Audit Comment	Due to the significant difference observed between test results, the Type B pressure air meter was recalibrated . The IAT testing was redone on 5/17/2019 and documented on work order number 19-1239-C03 and the retest results were within the appropriate tolerance.	Closed

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Central 70	C 0704-241		IAT Materials Testing	3/12/2019 12:53:44 PM - 06:00	Air Content - Air Meter per AASHTO T 152		A significant difference of greater than 0.5% (6.8% IQC & 5.7% IAT) was detected during a qualification of Shyam Dhruv for 601 Concrete. During the test he appeared to follow AASHTO T152. Just prior to testing I observed Shyam w/Ground appearing to adjust his gauge on top of his air meter. IQC shall work with IAT to determine the cause of this significant difference and schedule a re-test once the issue is resolved.	The Retest on Shyam for 601 Concrete yielded and acceptable difference less than 0.5%. The report of the retest is attached.	6/27/2019 6:38:30 AM -06:00	Audit Comment	IQC took Shyam's air meter out of service the same day. Ground engineer gave shyam another calibrated air meter. Shyam was trained on how to calibrate air meter in the field or at the lab. Those are the steps IQC took to fix the issue. Next day Shyam retested with IAT all result were in tolerance.	Closed

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Central 70	C 0704-241		IAT Materials Testing	4/5/2019 2:26:20 PM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		A Significant Difference of greater than 10% of the Average IAT 28-day day strength was detected during a qualification/Spotcheck of Mahdi Almahasnah for 601Lab. IAT 28-day Strength was 16% higher than IQC's passing 28-day break strength. I spoke with the IQC Inspector(Jennie Honeycutt) on site that day and she reminded me of low/freezing ambient air temperatures during the day. it is unclear if there was proper protection in the IQC cure box to prevent freezing temperatures from effecting the initial cure of the strength specimens.	The differences in IQC and IAT initial curing techniques may lead to differences in compressive strength. However a greater than 10% difference is unlikely. In a conversation with Mahdi Almahasnah, he indicated that proper curing procedures were discussed with all personnel and as weather changes those needs will change.	6/17/2019 12:05:24 PM -06:00	Audit Comment	IQC cylinders were made in the field and cured in the field for one day. IAT cylinders were made outside of the lab and cured in the tank. After IQC has been notified we looked into the issue. IQC believe after looking at the inspector checklist, the day the cylinders cured in a cooler in the field, Temperature reached to freezing. Therefore we believe the curing is the difference not the breaking of cylinders	Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		HDPE Conduit was installed via open trench.	Conformance	11/19/2019 8:06:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit in bore bundle consists of HDPE conduit	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Borelogs updated through bore process and submitted to ACONEX	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit splices shall be kept to a minimum and all such locations shall be Approved and inspected by the Engineer and the authority having jurisdiction.		Conduit splice approved by CDOT representative	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs installed upon completion	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		Conduit was reamed before installing SHUR-LOK conduit splice coupler	Conformance	9/8/2020 12:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Structural Carbon Steel. Structural carbon steel for bolted or welded construction shall conform to AASHTO M 270 (ASTM A 709) Grade 36. Material supplied for main members in tension as designated in the Contract shall meet a longitudinal Charpy V-notch (CVN) value of 15 foot-pounds at 40 °F. Testing shall be in accordance with AASHTO T 243 (ASTM A 673). The H frequency of heat testing shall be used.		All bolted structural steel met the requirements of AASHTO M 270 (ASTM A 709) Grade 36.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Steel conforming to AASHTO M 270 (ASTM A 709) Grade 50W shall not be painted unless otherwise shown on the plans.		All structural steel is of the weathering type and will not be painted.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Material supplied for main members in tension, as designated in the Contract, shall meet the longitudinal Charpy V-notch tests as specified for Zone 2 in AASHTO M 270.		All members that will be in tension, as designated in the contract, met the longitudinal Charpy V-notch tests as specified for Zone 2 in AASHTO M 270.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Mill Test Reports. The fabricator shall furnish the quality assurance inspector with copies of the certified mill test reports on all material that will be used. Mill test reports shall be furnished prior to cutting of the steel or any other fabrication. The fabricator may furnish, with the approval of the Engineer, material from stock, provided it can be identified by rolling direction (where orientation is specified), heat number, and mill test reports.		The QA inspector was supplied with copies of all the CMTR'S for all materials used.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		All washers shall be hardened steel washers conforming to the requirements of AASHTO M293 (ASTM F436). The washers shall be specifically marked to identify the manufacturer.		All washers were of the hardened steel type, conforming to the requirements of AASHTO M293 (ASTM F436). The washer were marked to identify the manufacturer.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		High Strength Bolts. All bolts used in fastening structural steel connections shall conform to the requirements of AASHTO M 164 (ASTM A 325), commonly known as High Strength Structural Bolts (HS). Heavy Hex Structural or Tension Control Bolts with suitable Heavy Hex Nuts and Plain Hardened Washers shall be provided. Type 1 bolts shall be provided for painted and Type 3 bolts for weathering (AASHTO M 222) structural steel. The length of bolts shall be such that the end of bolt will be flush with or outside the face of the nut when properly installed. Sufficient thread shall be provided to prevent the nut from encountering thread runoff.		The bolts used in fastening the structural steel connection conformed to the requirements of AASHTO M164 (ASTM A 325). Type 3 heavy hex structural bolts were supplied with suitable heavy hex nuts and plain hardened washers and all bolts were of a length to prevent thread runoff.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		(d) The bolt, nut, and washer assembly shall be tested in a Skidmore-Wilhelm Calibrator or an acceptable equivalent device.		The bolt, nut, washer, DTI assembly was tested in a Skidmore-Wilhelm calibrator and was observed by multiple members of the CDOT team.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed

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Central 70	C 0704-241	Girders	Structures		Bolts, nuts, and washers (where required) from each rotational capacity lot shall be shipped in the same container. Each container shall be permanently marked with the rotational capacity lot number such that identification is possible at any stage prior to installation.		All bolts, nuts, washers and DTI's from each rotational capacity lot were shipped in the same container. All containers were well marked to prevent contamination of the lot.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Bearings. Bearings and bearing seats shall conform to Section 512.		IQC checked each bearing seat and bearing for conformance to Section 512.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Anchor bolts acceptable?		All anchor bolts were acceptable.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Handling and Installation. During erection the parts shall be accurately assembled, as shown on the plans, and match-marks shall be followed. The material shall be so handled that parts will not be bent, broken, or otherwise damaged. Hammering which will damage or distort the members will not be permitted. Bearing surfaces and surfaces to be in permanent contact shall be cleaned before members are assembled. Splices and field connections of main stress carrying members shall have a minimum of one half of the holes filled with high strength bolts and cylindrical erection pins, with the bolts fully tightened before external support systems are removed and the connections completed by belting, unless otherwise specified.		During structural steel erection, all parts were accurately assembled and had a good fit up. I observed no hammering other than a small amount to remove drift pins from the structure, and all bearing surfaces in permanent contact were cleaned before structural steel assembly. Splices and field connections all had over one half of the holes filled and all bolts were fully tightened before any external support was removed.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		(a) Field Connections. Only Heavy Hex Structural Bolts with Compressible-Washer-Type Direct Tension Indicators or Tension Control Bolts conforming to the requirements of Subsection 509.08 shall be used in structural steel connections.		All bolts and direct tension indicators conformed to subsection 509.08.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		(b) Bolted Parts. Bolted parts shall fit solidly together when assembled and shall not be separated by gaskets or any other interposed compressible material. All joint faying surfaces, when assembled, shall be free of scale; dirt; burrs; drilling/cutting lubricants; other foreign material; and other defects that may prevent solid seating of the parts. Contact surfaces within joints shall be free of oil, paint (except primer coat), lacquer, or rust inhibitor.		All bolted parts fit solidly together when assembled and no gaskets or any other interposed compressible materials were used. All joint faying surfaces were free of scale, burr, lubricants or any deleterious substances.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Bolts approved and proper torque applied?		All bolts were approved and the proper torque applied.	Conformance	4/15/2019 8:37:31 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Except as provided in Paragraph 12, signs mounted on portable sign supports that do not meet the minimum mounting height of 7ft vertically from the bottom of the sign to the elevation of the near edge of the traveled way, should not be used for a duration of more than 3 days.		Conformance	Conformance	4/9/2019 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/8/2019 12:21:15 PM -06:00	Except as provided in Paragraph 12, signs mounted on portable sign supports that do not meet the minimum mounting height of 7ft vertically from the bottom of the sign to the elevation of the near edge of the traveled way, should not be used for a duration of more than 3 days.		See item #178.	closed	4/15/2019 10:49:33 AM -06:00	Audit Comment	Sign was fixed once MOT was notified	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	4/29/2019 3:27:37 PM -06:00	Except as provided in Paragraph 12, signs mounted on portable sign supports that do not meet the minimum mounting height of 7ft vertically from the bottom of the sign to the elevation of the near edge of the traveled way, should not be used for a duration of more than 3 days.		All signs mounted at the correct height on long term mounts.	Conformance	4/29/2019 12:10:08 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		All post were installed firm and plumb.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		No metal post were cut.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		All post were driven in and no burring distortion or other damage was noticed.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts are spaced in accordance with CDOT Standard Plan M-606-1.		all post were spaced in accordance with specs.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		All rail sections were properly lapped and in correct direction of traffic.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		All bolts, fitting and metal plated were properly secured in place and drawn tight.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts shall be of sufficient length to extend beyond the nut.		All bolts had sufficient length ans extended beyond the nut.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height and face were installed per CDOT Standard plan.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		End treatment and transition installed per M&S standard plans.	Conformance	8/26/2019 12:57:21 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier was in acceptable shape, with less than 5 square feet of cracking or spalling.	Conformance	12/2/2019 10:22:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		Connecting loops were in acceptable shape.	Conformance	12/2/2019 10:22:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		Connecting loops were not damaged.	Conformance	12/4/2019 6:22:31 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		If the end is not at the location of a planned end section, install a temporary impact attenuator or provide treatment as shown in the Contract.		Impact attenuator was installed as per manufacturer recommendations.	Conformance	12/4/2019 6:22:31 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Finishing tools made of aluminum shall not be used.		The contractor used magnesium floats and finishing equipment.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		Concrete being cured in compliance with the specifications.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		Concrete cured by an approved method.	Conformance	4/4/2020 3:57:35 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If curing compound is used it is applied at a proper rate and is an approved material		The contractor used a curing compound from the approved products list and applied it at the correct rate.	Conformance	7/22/2019 12:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temp. barrier wall was removed from work area after work was complete.	Conformance	9/10/2019 12:15:04 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Construction Plan		Girder Erection of Span 1 was performed during the I-70 Shutdown on Saturday, 9/21, and completed on Sunday, 9/22. Overall, the Construction Plan was followed and completed in a safe manner throughout the entire operation. Deck pour bracing and overhangs were installed prior to opening of the highway to ensure girders were locked into place.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed

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Central 70	C 0704-241	Girders	Structures		Erection Plan		Erection plan was followed and performed safely, including the overall sequence of operations for girder placement, crane details, lift loads & rigging, girder analysis, and equipment locations.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder Delivery		Girder delivery of Span 1 Girders was performed as planned with the delivery along 48th & Jackson Street and utilizing the temporary ramp created for access to highway and Apex Trucking delivery of girders. The trucks were brought in and staged until erection.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Rigging Plan		The rigging plan for the 115' Span 1 Girders was followed as planned utilizing Tuflex Roundslings, as described within the Safety Critical Girder Erection Plan.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Crane Set-Up and Lift Plan		Span 1 Girders were placed utilizing the planned crane set-up from the highway during the full closure. A lift plan was performed and reviewed with the crane operator prior to ensure all parties understood the plan.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed

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Central 70	C 0704-241	Girders	Structures		Girder Bracing Plan		BT39 Girder Bracing was installed as planned prior to opening of the highway to ensure girders were securely locked into place.	Conformance	9/22/2019 1:37:22 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used to distributed mix.	Conformance	6/1/2020 7:54:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		All work associated with the reinforcement placement for abutment was performed in accordance with plans, shop drawings, and specifications.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Shop drawings, working drawings, and other submittals shall be delivered to the Engineer.		Shop drawings were sent to the Engineer.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide shop drawings to adequately control the work. The Contractor shall submit shop drawings to the Engineer for formal review.		Shop drawings were provided by the contractor, as well as submitted to the EOR for formal review.	Conformance	4/4/2020 3:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork	7/28/2020 8:57:18 AM - 06:00	Locates will be completed to ensure utilities are not affected by the work. Any utilities will be located prior to the work starting. Conflicts will be handled accordingly		Utilities were located, and conflicts were resolved.	Conformance	7/20/2020 7:04:41 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork	7/28/2020 8:57:18 AM - 06:00	After Kiewit has installed the piles, Kiewit will excavate down four foot below the top of the SOE. Kiewit will install wood lagging/steel plate while excavating		Proper sequence of operations was followed.	Conformance	7/20/2020 7:04:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork	7/28/2020 8:57:18 AM - 06:00	A safety critical element conference shall be held two weeks prior to beginning construction on each safety critical element		Safety critical conference was held after piles driving operation had begun for temp shoring.		8/12/2020 5:46:35 PM -06:00	Audit Comment	KIC will continue to monitor 3 week schedules and safety critical submittals to provide adequate review and meeting time.	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork	7/28/2020 8:57:18 AM - 06:00	Materials used on the project will meet the requirements of the Temporary Shoring Design.		Materials used met proper requirements.	Conformance	7/20/2020 7:04:41 AM -06:00	C		Closed

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Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	6/11/2019 3:34:49 PM - 06:00	a. The Developer's executive management shall have the responsibility to ensure that personnel performing PC and IQC activities have the appropriate education, training, skills, and experience to meet the requirements of the Project Agreement		Ensure IQC inspectors understand MUTCD requirements.		7/29/2019 4:01:05 PM -06:00	Audit Comment	This comment was discussed with all parties involved as it was an equipment malfunction and operator error. IQC did bring this matter up with the operations and have worked with them on getting striping test strips done to help alleviate issues in the field. This matter was also corrected on the next shift of work. MUTCD has been reviewed with the IQC inspectors involved and they are competent with their understanding.	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/25/2019 7:39:16 AM - 06:00	k. The Developer shall ensure that personnel performing Work shall have the education, training, skills, and experience to meet the requirements of the Project Agreement.		The IQC inspector of the paving operation stated that the correct MHT was in place. Based on the photo attached to the checklist completed by the IQC inspector it appears they need further education in proper traffic control.	Sept 2019 issue resolved.	4/20/2020 4:52:29 PM -06:00	Audit Comment	The inspector responsible for this checklist left the project in early September 2019.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	The Developer shall document the identification of Nonconforming Work by completing and submitting a NCR to the Department as soon as reasonably practicable, and in any event within 24 hours, after the Developer first becomes aware of the Nonconforming Work		IQC Checklists documents that lifting holes were not plugged and left open in all the drainage structures. Checklist should be updated to specify anchor recess or lifting hole is a part of the drainage structure being placed, and ensure inspectors are aware of difference. IQC did not verify that the 18" RCP projected far enough into the inlet structures prior to placement of collars on the outside of box.		6/25/2019 10:01:05 AM -06:00	Audit Comment	Anchor recess do not get grouted. IQC inspectors have been trained on the difference between lifting holes and anchor recess.	Closed

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Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:14:47 PM - 06:00	The Developer shall document the identification of Nonconforming Work by completing and submitting a NCR to the Department as soon as reasonably practicable, and in any event within 24 hours, after the Developer first becomes aware of the Nonconforming Work		On 28 Aug, it was discovered that the 36" RCP did not properly align to the inlet opening, and the full opening of the pipe would not meet the hole in the inlet. Plans were made originally to realign pipe, then to cut inlet opening to allow for full penetration of pipe. A reinforced collar was also proposed to connect pipe to box. These changes do not conform to the plan sheets for this structure. As of 5 Sept, no NCR has been written on this issue.	See NCR 1483	9/27/2019 7:49:00 AM -06:00	NC-2	NCR 1483 was written to resolve this issue	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		j. Developer's detailed Construction Safety Critical Plan which shall include an Erection plan, a Bridge Removal Plan, and a Removal of Portion of Bridge Plan, as applicable, as well as other requirements specified in the Revision of 107 set out in the Project Special Provisions set out in Appendix A to this Schedule 8;		The Kiewit Staff have followed the Safety Critical Work Plan for the SOE Walls for Abutment #1 along at Columbine. Location: West End SOE Walls Safety Critical Work: Temporary Support Excavation	Conformance	6/6/2019 10:55:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		k. Procedures for immediate notification to the Department of all incidents arising out of or in connection with the performance of the Work, whether on or adjacent to the Project; and		The safety critical plan has the personnel designated to notify the Engineer of any incidents that arise. Including when it is safe to open a route after it had been closed for Safety Critical Work. Both Shane Winberg (Onsite PM) and Tanner Peyton (Superintendent) were onsite during my observations.	Conformance	6/6/2019 10:55:53 AM -06:00	C		Closed

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Central 70	C 0704-241	Support of Excavation	Earthwork		<p>I. The SMP is a living document and shall be updated when a process, method, chemical or other Construction Work criteria changes that affects the safety of a person or property. The updated portion of the SMP shall be submitted for Acceptance.</p>	<p>Due to overhead site conditions, Kiewit staff did not follow the "Temporary Shoring Sequence" in the Safety Critical work plan. The crew adjusted appropriately to create adequate access for the equipment. This led to a safer and more efficient work area. Explanation below: Step #2= The crew was well aware of obstructions/utilities that are on the South side of the excavation. (Denver Waterline & CBC Box) Step #4= If pedestrians did enter the work area. The excavation was protected with the appropriate pedestrian fence. Step #5= Kiewit did not install the H-pile prior to the start of the excavation. The excavator & H-pile were too tall. The first lift of material had to be removed so enough clearance under the viaduct was provided. The first lift was 5 feet instead of the listed 4 ft. Step #6= Wood lagging "Douglas Fir #2 timber" was used to support the excavation</p>	Conformance	6/6/2019 10:55:53 AM -06:00	C		Closed
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/13/2019 1:45:47 PM - 07:00	Areas showing high spots of more than 1/2 inch in 10 feet shall be marked and diamond ground until the high spot does not exceed 1/2 inch in 10 feet		Even though this not final pavement, the transverse joints do not meet the 1/2" on 10' or the 3/16" on 10' straightedge requirement. Mainline and ramp traffic is currently traveling over these transverse joints creating a rough ride and unsafe conditions for motorcycles and traveling public. These conditions have existed for approx. 3 weeks with little to no repairs performed. The repair that was performed is currently failing.		12/10/2019 8:12:41 AM -07:00	NC-1	The areas in question were remediated the night of 11/13/19.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	b. The Developer shall provide a maximum 3:1 traversable surface for slope maintenance and vehicle access on all vegetated slopes where flatter slopes are not achievable. The minimum slope on fill and cut slopes shall be 6:1.		The slope of the shoulder was between a 6:1 and a 20:1, acceptable as per plans.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		be responsible for all other Elements of the UPRR Crossing, including but not limited to construction of I-70 Mainline and appurtenances, bridge construction, shoring, grading, drainage, lighting, all trackwork and ballast placement for track outside the 13 foot clear point as defined in the 100% IFC (*CO-091) UPRR Trackwork Plans, and all related Utility Work within and outside the UPRR ROW, and any additional work specified in Section 10.4.9 as the Developer's responsibility.		The Developer is responsible for the installation of temporary shoring system.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		be responsible for all other Elements of the UPRR Crossing, including but not limited to construction of I-70 Mainline and appurtenances, bridge construction, shoring, grading, drainage, lighting, all trackwork and ballast placement for track outside the 13 foot clear point as defined in the 100% IFC (*CO-091) UPRR Trackwork Plans, and all related Utility Work within and outside the UPRR ROW, and any additional work specified in Section 10.4.9 as the Developer's responsibility.		The Developer performed designed and construction of shoring work in conformance with the PA.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		be responsible for all other Elements of the UPRR Crossing, including but not limited to construction of I-70 Mainline and appurtenances, bridge construction, shoring, grading, drainage, lighting, all trackwork and ballast placement for track outside the 13 foot clear point as defined in the 100% IFC (*CO-091) UPRR Trackwork Plans, and all related Utility Work within and outside the UPRR ROW, and any additional work specified in Section 10.4.9 as the Developer's responsibility.		Grading support was provided, to include subgrade, subballast, and ballast placement for track outside the 13 foot clear point as depicted in the 100% UPRR Trackwork Plans for the 404, 405, and 112. The curfew for 404 & 405 was completed on 3/18/19 and 112 was completed on 6/20/19.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		10.2.1. The design and construction of Construction Work shall be in accordance with the relevant Railroad's written specifications, standards of practice, and construction methods. In the event of a conflict between the requirements of a Railroad and the requirements of the Project Agreement, the Department, at its sole discretion, will determine which shall govern. The Developer shall be responsible for resolution of any unresolved ambiguity prior to proceeding with any Construction Work.		Design and construction of temporary SY-112 Shoring was reviewed and approved by all applicable parties, including UPRR. Design and construction was performed following the railroad specifications and standards, as well as construction methods.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		10.2.2. The Developer shall comply with the requirements of the applicable RRA in performing the Construction Work.		Developer is complying with applicable RRA during construction work for installation of soldier piles.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		a. The UPRR mainlines, yard track, lead track and Railroad signalization shall be reconstructed in accordance with the 100% IFC (*CO-091) UPRR Trackwork Plans and construction phasing design. Track shooflies and other temporary track, as set forth in the 100% IFC (*CO-091) UPRR Trackwork Plans and Specifications, shall be constructed to move rail traffic away from new bridge construction while maintaining connectivity and operations of all mainline and yard tracks;		Removal of existing Tracks 112, 2 TO's, and Pepsi Lead 731 was completed in conformance with the PA and according to the approved 100% UPRR Trackwork Plans. The Pepsi Lead 731 Trackwork was removed/ dismantled / hauled-off during the first curfew on June 1-2nd, 2019. This work also included the 2 TO's. The existing 112 Track was removed during the June 20th, 2019 Curfew, and was relocated off UPRR ROW to dismantle and haul off rail. Material that could not be salvaged was disposed of properly. All work was performed as planned and specified within the PA.	Conformance	7/11/2019 1:55:07 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		a. All new and reconstructed track sections shall be designed and constructed with subgrade/subballast cross slopes in accordance with the requirements of the applicable Railroad and 100% approved design;		Subgrade/ Subballast placed and graded in accordance with requirements for track sections of temporary alignment for 404, 405, and 112.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Railroad Grading	Earthwork		c. Ballast Slopes (Track Roadbed) i. Ballast slopes shall be constructed in accordance with 100% approved design or as specified by the applicable Railroad's standards;		Ballast slopes constructed adequately and within conformance of the trackwork plans and railroad specifications.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/29/2019 8:49:40 AM - 06:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		Inadequate and unsafe traffic control was provided at Stapleton N and Dahlia for overhead traffic signal work. At approximately 10:00AM, a UTC was observed in the open lane of Southbound Traffic, causing southbound traffic to travel in the northbound lane, which was open to traffic. Zach Gill contacted the foreman, and work was adjusted to the right shoulder, however traffic in the southbound lane was still opened, and vehicles were observed driving under crews actively working on overhead signal.	See NCR 1415	9/16/2019 5:15:06 PM -06:00	NC-2	NCR-1415 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/27/2019 8:43:09 AM - 06:00	a. The TCP shall generally include all lane and shoulder configurations, including widths, traffic control signing, pavement markings, traffic control devices, temporary signalization, construction access, construction parking, emergency access, work areas, lighting, and pedestrian/bicycle movements necessary for each construction phase		Department cannot locate MOT signing sheets for the 270 phase that KMP switched to on 9-20-19. On 9-20-19 KMP switched to new 270 bridge. The EMT-1801 through 1804 sheets show the traffic on the old 270 bridge and is currently the best representation of the signing that should be in place (see attachments from requirement 1). KMP needs to ensure that signing is adequate for the current phase.	NCR 1531 confirmed	12/3/2019 4:40:12 PM -07:00	NC-2	See NCR 1531	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:33:10 PM - 06:00	The MHTs shall be submitted to the Department for Acceptance		The paving crew was observed moving equipment from 6307 to 6201 using a rolling closure. In order for the train to remain together and the chase vehicle to stay with the train the crew had to disregard the traffic signals at Central Park and I-70 Ramps. The approved method for performing this is through using a UTC.		7/17/2019 10:33:25 AM -06:00	NC-2	This issue will be tracked with NCR 1265	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/27/2019 8:43:09 AM - 06:00	prepare or oversee, review, seal with a Colorado PE stamp and approve: field design changes that require a revision to a previously stamped and approved plan sheet; Release for Construction Documents; and TCP plans		During the pre-switch walk of 270 during the day of 9-19-19, the Department noted that the Central Park Exit Sign should be on the right side of traffic per plan sheet EMT 1804-C. Department communicated this concern with the KMP MOT team. Later that day on 9/19/19, the MOT team stated that they would install the sign per the MOT plan. However, they did not install the sign per plan. As of 9/24/19, the sign is still not in compliance with the plans and MUTCD section 2E.19 (attached). It is on the left of traffic.	NCR 1531 confirmed	12/3/2019 4:40:15 PM -07:00	NC-2	See NCR 1531	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Clayton Street / Columbine Street and Fillmore Street		Clayton and Fillmore were concurrently closed from 7:30am to 5:30pm. (CCD's)	Better switch hour by hour schedules need to be developed.	12/11/2019 9:22:10 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	ii. 46th Avenue, between York Street and Colorado Boulevard, shall maintain a minimum of one lane in each direction.		East bound was closed from Steele to Monroe from 5:15am to 7:30am. (CCD's)	Better switch hour by hour schedules need to be developed.	12/11/2019 9:22:37 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/18/2019 4:41:30 PM - 06:00	v. Stapleton Drive, between Colorado Boulevard and Oneida Street, shall maintain a minimum of one lane in each direction, for access to businesses.		Stapleton N was closed on the night of 9/10/19 at the far side of the Monaco intersection to adjust the inlet in the right wheel path. This closure was performed without an RFC detour route or an MHT. The attached photo shows the inlet following adjustment and that the existing pavement was removed down to base days prior to this closure.	1591 created.	11/13/2019 7:50:08 AM -07:00	NC-2	See NCR-1591	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	11/6/2019 12:01:12 PM - 07:00	v. Stapleton Drive, between Colorado Boulevard and Oneida Street, shall maintain a minimum of one lane in each direction, for access to businesses.		At Approximately 10:11AM, KMP temporary detour paving of Stapleton S of was closed at the Kearney Intersection by using a UTC to repair a Category 1 defect in the asphalt mat. Stapleton S was not observed as open again to traffic again until approximately 3:30PM.	See NCR 1685	11/26/2019 10:38:51 AM -07:00	NC-2	NCR 1685 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/18/2019 4:41:01 PM - 06:00	Beginning of Section (MP) - 276.572(SH 2) / End of Section (MP) - 282.563(I-225) / Direction - EB / Weekday - 7 PM to Midnight and Midnight to 5:30 AM / Weekend - 7 PM to Midnight and Midnight to 9 AM		A CEI forklift was observed being moved from North of I-70 to the south abutment of the I-270 bridge. This was done by driving SB on Quebec to the EB I-70 On Ramp and on to I-70 EB where it entered the work area. The rolling closure to move the forklift was performed at 10:20am.	NCR 1596	12/9/2019 8:59:14 AM -07:00	NC-2	NCR 1596 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:29:56 PM - 06:00	Beginning of Section (MP) - 276.572(SH 2) / End of Section (MP) - 282.563(I-225) / Direction - EB / Weekday - 7 PM to Midnight and Midnight to 5:30 AM / Weekend - 7 PM to Midnight and Midnight to 9 AM		The closure was observed in place at 5:55am which is outside of the allowable lane closure times in the contract.		10/4/2019 3:05:28 PM -06:00	NC-2	NCR-1491 created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Exit # - 276A / Crossroad Name - Steele Street / Direction - EB		EB Steele Off Ramp opened to traffic at 9:30am (CCD's)	Better switch hour by hour schedules need to occur.	12/11/2019 9:21:17 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Exit # - 276A / Crossroad Name - Steele Street / Direction - WB		WB Steele Off Ramp opened to traffic at 9:20am (CCD's)	Better switch hour by hour schedules need to occur.	12/11/2019 9:21:34 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:34:20 PM - 06:00	Exit # - 276A / Crossroad Name - Steele Street / Direction - WB		Per the PA, Exit 276A (WB Off Ramp to Steele / Vasquez) is allowed to be closed from Midnight until 11 AM. Ramp was closed for paving operations the morning of 6/8/19, and was not re-opened until approximately 12:15 P.M.		6/17/2019 12:26:43 PM -06:00	Audit Comment	Paving operations ran long. MOT was onsite and waiting for the paving operations to be done so the ramp could be open in a safe condition.	Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Beginning of Section (MP) - 290.98(I-70) / End of Section (MP) - 292.479(56th Ave) / Direction - NB / Weekday (7 PM to 8 AM and 10 AM to Noon) - Weekend (6 PM to Midnight and Midnight to 11 AM)		NB Steele opened to traffic at 9:15am (WB Off Ramp to 48th) (CCD's)	Better switch hour by hour schedules need to occur.	12/11/2019 9:21:05 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Beginning of Section (MP) - 292.479(56th Ave) / End of Section (MP) - 290.98(I-70) / Direction - SB / Weekday (6 PM to 7 AM and 10 AM to 11 AM) - Weekend (6 PM to Midnight and Midnight to 11 AM)		SB Steele opened to traffic at 9:15am (WB Off Ramp to 48th) (CCD's)	Better switch hour by hour schedules need to occur.	12/11/2019 9:20:57 AM -07:00	Audit Comment	Traffic Switch ran longer than expected, as a result the closure was not safe to open until after curfew. Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	a. Arterials, collectors – 8:30 AM to 3:30 PM; and		Crews were late in pickup the SB Rt lane closure (Removed around 3:45pm) & NB Rt Lane Closure (Removed around 4pm). CCD also received a reported that the lane closure on the Off Ramps were in place at 745am.		10/23/2019 10:23:21 AM -06:00	Audit Comment	In order to set a lane on Peoria at 830 a lane on the off ramp must be placed prior. Heavy traffic and long routes around to pick up peoria lane closes effect pickup times. MOT will work with disciplines that need closures on Peoria to make sure enough notice is given to get crews over there to pick up on time.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/13/2019 4:16:10 PM - 06:00	provide installation, maintenance, and removal of all temporary traffic control devices		Do not enter and no right turn signs were not removed after work was completed.	See NCR 1150	7/17/2019 4:51:10 PM -06:00	NC-2	NCR 1150 created	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/19/2019 9:12:36 PM - 06:00	b. Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet; and		Barriers did not have reflector strips installed to requirements on East and West Bound 46th St.	NCR number noted is wrong See NCR 1167	6/27/2019 1:45:54 PM -06:00	NC-2	This issue will be resolved through NCR 1163	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Electrical		Municipal Streets - Design Method (Luminance) / Luminance Range (cd/m2) (0.3 – 0.8) / Uniformity (avg:min)(3.0 – 6.0) / Veiling Luminance Ratio (Lvmax/Lavg)(0.4) / Visibility Level() / Illuminance Range (avg fc)		Reading levels exceed minimum requirements in table 2-15.	Conformance	6/28/2019 9:52:34 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Deliverable(Requests for full Closures permitted by Section 2.11.4 or 2.11.6) / Information, Acceptance, or Approval (Acceptance) / Schedule(As required)		Full Closure request has yet to be formally submitted.	noted	2/13/2020 1:50:46 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:29:29 PM - 06:00	Lane Closure Report (*CO-011)		Flagger were used on S Stapleton and Glencoe for drainage operations on 11 Sept. This MHT was not listed in the LCR submitted to the department.	See NCR 1517	9/27/2019 8:12:20 AM -06:00	NC-2	NCR-1517 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	a. Subject to Section 8.6 of the Project Agreement, the Developer shall comply with all Construction Standards, including (but, for certainty, not limited to) those listed in this Schedule 10A.		CDOT Work Zone Safety Guidelines for Municipalities, Utilities, and Contractors states that, "Traffic cones shall not be used outside of working hours unattended." Cones are currently being used during working hours, however if they remain in place after working hours, they will no longer be in conformance with guidelines.		9/16/2019 5:20:47 PM -06:00	Audit Comment	Cones were used to tighten up the area night of the shift and day shift went through and cleaned up the area replacing all with barrels	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	7/11/2019 7:44:01 AM - 06:00	Part N		Section 53.3: Compliance with Law: Developer began excavation without utility locates. 1-call/811 is a state law. Zayo notified CDOT of excavation without utility locates. See attached email. Given the number of damages caused by the Central 70 project, it is understandable that Zayo is frustrated by this action.	NCR written	7/1/2020 12:51:11 PM -06:00	NC-2	This issue will be resolved in NCR 1227	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/11/2019 1:51:53 PM - 07:00	Schedule 6 - Performance Mechanism		Failure to report CCD's associated with closing EB 46th Ave to repair the roadway. Audit "CVI_Roadway_HMA_MBailey_50" was conducted on the area in question. The poor placement of the temporary pavement led to the pavement distress.	Addressed through NCR 1800. Closed March 6th 2020	4/20/2020 11:13:27 AM -06:00	NC-2	NCR number 1800 was written to track this issue. CCD-043 letter was written to track this lane closure for the asphalt repair.	Closed

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Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/16/2019 4:04:46 PM - 06:00	CCD Wastewater Standard Details		S 301.2 Details that class B bedding material for pipes 18 inches and smaller must have 6 inches of class B bedding material underneath pipe. IQC checklist states that only 3 inches of bedding was placed beneath the pipe. 6" of backfill was placed as discussed during meeting with IQC/PC, checklist was not properly filled out. IQC NCR 1255 was created.	NCR 1255	7/26/2019 5:41:37 PM -06:00	Audit Comment	An NCR was written to address this comment NCR 1255	Closed

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Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/16/2019 4:04:46 PM - 06:00	Wastewater Capital Projects Management Standard Construction Specifications		Specification 5.0.3 states that backfill shall be free from stones larger than 3 inches in diameter. Stones were observed in backfill with diameters larger than 3 inches. CCD accepted work with condition that all future backfill will be free of stones. Specification 5.0.3.2 states that maximum lift size for a sheepsfoot roller is to be 1 foot, lifts larger than 1 foot were observed. Backfill material was placed in lifts of greater than 2 feet on either side of pipe. After meeting with IQC/PC, compaction test results were obtained, proper compaction was achieved.	Meeting with IQC	7/26/2019 5:41:24 PM -06:00	Audit Comment	PC, IQC and the department met to discuss the means and methods of utilizing the wheel compactor on a track hoe. KIC crews place 18 inches to 2 foot lifts (to the middle of the roller) and dig down to test the 6 inch lifts.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Wastewater Capital Projects Management Standard Construction Specifications		Specification 5.0.3 states that backfill shall be free from stones larger than 3 inches in diameter. Rock was observed dispersed through backfill, however no stones bigger than 3 inches in diameter were observed.	Conformance	8/14/2019 6:41:21 AM -06:00	C		Closed

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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/26/2019 8:55:24 AM - 06:00	AASHTO Roadside Design Guide		Manhole was located within 1.5 feet from face of curb, and roadway was open to traffic. "A minimum lateral offset of 0.5 m [1.5 ft] should be provided beyond the face of curb to the obstruction." AASHTO Roadside Design Guide 3.4.1.	See NCR 1472	9/27/2019 8:14:25 AM -06:00	NC-1	NCR 1472 was written to address this issue	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/21/2019 7:09:03 AM - 06:00	ADA Accessibility Guidelines		ADA guideline 4.3.8 states that any change in level over 1/2 inch requires a curb ramp or ramp with a maximum allowable slope of 1:20. Existing curb ramp exceeds guidelines.	1389 written.	9/4/2019 8:34:49 AM -06:00	Audit Comment	NCR 1389 was written to track this issue	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		CDOT Standard Plans, M & S Standards		Temporary Barrier was installed with no obstructions within 4 feet of centerline of barrier, as per Note 4 of M&S Standard Plan M-606-14.	Conformance	8/12/2019 11:45:21 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/16/2019 4:10:25 PM - 06:00	CDOT Standard Plans, M & S Standards		If 12" dowels were used, proper embedment depth of 6" was not observed. If 14" dowels were used, proper embedment depth was observed. Please provide more information as to actual bar length used for dowels.	See NCR 1232	9/3/2019 8:29:26 AM -06:00	Audit Comment	NCR 1232 was written	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway	7/16/2019 4:10:25 PM - 06:00	CDOT Standard Plans, M & S Standards		Dowel bar longitudinal placement layout detailed for Type CC Barrier in M&S Standards was not followed. Bars adjacent to construction joints were placed closer than 1' from joint in several areas, and 2' spacing was not maintained in several areas. IQC has written NCR on 9 Jun, unknown NCR number.	See NCR 1232	9/3/2019 8:29:35 AM -06:00	Audit Comment	NCR 1232 was written by PC to track dowel placement issues in block 6315.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/8/2019 4:31:05 PM - 06:00	FHWA Manual on Uniform Traffic Control Devices		In MOT Task Force on 10/1/2019 the plan location of WB Central Park Exit Only sign was discussed. The task force determined per MUTCD the sign should be located at or immediately prior to the start of the solid edge line for the exit. Sheet EMT-1837 shows the sign as being after the exit ramp has departed from mainline WB I-70. The Task Force determined that this sign should be moved immediately and TCR should follow to reflect this change. As of the morning of 10/7/2019 the exit sign has not been moved. Attached is photo along with the plan sheet.	Verified NCR 1581 was opened for this issue.	4/13/2020 2:10:11 PM -06:00	NC-2	see NCR 1581	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	AASHTO LRFD Bridge Construction Specifications		The NC is only being issued so it may be verified as acceptable by the designer and everyone is properly notified. A number of measurements were taken. The clear cover ranges from 4" to 5 3/4" in depth. Please reference the specifications and pictures for more information. The girder center line pictures correlate to the area in which the clear cover measurement photos were taken. The placement of Clayton abutment 3 included drilled shafts A3-103 to A3-107.	1195 created.	7/15/2019 4:30:13 PM -06:00	NC-2	This issue will be resolved in NCR 1195	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	105.02 – Plans, Shop Drawings, Working Drawings, Other Submittals and Construction		As previously mentioned in Assessment CVI_MOT_Detour Paving_HTran_43, Approved Temporary Road Plate requirements stated 12 inches of overlap were necessary from outside edge of trench to edge of plate. Plate covering manhole was not replaced, and paved over. As a result, cracking in asphalt mat has already occurred.	See NCR 1470	10/2/2019 8:34:59 AM -06:00	NC-2	NCR 1470 was written to resolve this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/1/2019 1:42:16 PM - 06:00	105.02 – Plans, Shop Drawings, Working Drawings, Other Submittals and Construction		Approved Temporary Road Plate requires that for all temporary road plate use, overlap of plate from outside edge of trench or other hole is to be at least 12 inches. Plate used to cover manhole is less than required minimum overlap length. After conversation with paving operation, only 1-2 inches of asphalt will be placed on top of plate. The department also has concerns with the asphalt holding up to traffic for the full life cycle.		9/12/2019 7:33:58 AM -06:00	Audit Comment	Acknowledged. We will monitor the temporary paving and repair as needed.	Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	10/14/2019 1:01:40 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	12/17/2019 7:11:20 AM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	12/17/2019 7:10:55 AM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	10/14/2019 1:01:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	10/10/2019 3:53:39 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		Work order complete	Conformanc e	10/28/2019 10:36:22 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities	12/16/2019 4:16:19 PM - 07:00	either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	12/16/2019 12:42:58 PM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	12/16/2019 12:43:25 PM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	10/14/2019 12:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	10/14/2019 12:59:50 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformanc e	10/14/2019 1:00:24 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		Work order Complete	Conformanc e	10/22/2019 2:29:23 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		Work order Completed	Conformanc e	10/10/2019 3:12:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	10/11/2019 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		work order complete	Conformance	10/11/2019 7:22:25 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		a. Verification of all Utilities, as identified or described in the Utility Data, and the identification of all other Utilities, including in each case all necessary potholing located within the Construction Work or otherwise impacted by the Construction Work, excluding verification associated with a Private Utility Owner's design or Relocation;		Xcel-E-235 was determined to be a private service to Safeway, not an Xcel facility. Relocation of this will be handled by ROW	Conformance	6/20/2019 3:36:06 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		Relocation completed on schedule	Conformance	10/10/2019 3:12:37 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		Work in progress, performed by KMP	Conformance	10/22/2019 2:29:23 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/14/2019 1:00:24 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/14/2019 12:59:50 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		field work complete	Conformance	12/16/2019 12:43:25 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/14/2019 12:59:17 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities	12/16/2019 4:16:19 PM - 07:00	be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		ground mount transformer was relocated but final elevation provided has changed. Xcel is re-relocating.	Item addressed	1/5/2021 10:20:30 AM -07:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		work in progress, performed by KMP	Conformance	10/28/2019 10:36:22 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/10/2019 3:53:39 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/14/2019 1:01:40 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/14/2019 1:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		work completed per plan	Conformance	12/17/2019 7:11:20 AM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		North side complete. South side being coordinated with grading crew	Conformance	12/17/2019 7:10:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/11/2019 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		relocation complete	Conformance	10/11/2019 7:22:25 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/1/2019 1:42:16 PM - 06:00	be responsible for any damage caused by the Developer or any Developer-Related Entities to Utilities, property (whether personal or real), equipment, or facilities of Utility Owners or their Affiliates		During inspection with CCD, existing manhole invert had noticeable debris in flowline.	See NCR 1384	9/24/2019 7:34:50 AM -06:00	NC-2	NCR 1384 has been written to track this issue.	Closed
Central 70	C 0704-241	SX	Roadway	10/29/2019 9:20:30 AM - 06:00	Notes: HMA pavement thicknesses shown are total thicknesses and shall be constructed using a two inch stone matrix asphalt (SMA) top lift and lower lifts using S(100). The minimum thickness of any HMA layer shall be two inches and the maximum thickness of any HMA layer shall be three inches, unless otherwise approved by the Department.		The Department and KMP have agreed in Materials Task Force that the minimum thickness for Sx leveling pavement shall be three times the nominal aggregate size which equates to 1.5". The minimum thickness of 1.5" is approved for Sx leveling pavement only. On 10/25/19, the Department noticed that KMP did not pave the 1.5" minimum thickness in the WB leveling between Havana and Central Park. See attached photos as evidence.	confirmed NCR	11/20/2019 3:08:17 PM -07:00	NC-2	NCR 1742 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage	11/12/2019 8:41:31 AM - 07:00	Existing Cross Drains, Storm Drains, embankment protectors and drainage appurtenances between Brighton Boulevard and Sand Creek shall be removed in their entirety and replaced with drainage features designed for the Project		<p>1. An RFS (Request for Substitution) was not received by the department before the work began.</p> <p>2. The method of pouring flash fill from the down slope end and expecting the void of the pipe on the upslope end to be filled did not work. There was not enough head created to overcome the head in the RCP pipe. The void was filled approximately 1/4 full before the flash fill flowed back out of the opening. The crew moved to the upslope end to fill the void with the remaining flash fill.</p> <p>3. Due to the future permanent MSE wall above the abandoned pipe. The entire void in the pipe must filled. Please provide photo proof that the void was filled.</p>	Addressed and Closed April 2nd 2020.	4/20/2020 11:10:15 AM -06:00	NC-2	NCR 1833 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway	11/18/2019 1:03:03 PM - 07:00	The Developer shall be responsible for protecting and preserving public and private property from damage resulting directly or indirectly from stormwater runoff along or adjacent to the Site during construction of all improvements, including upstream and downstream properties		Due to curb and gutter and sidewalk construction activity in the Holly and S Stapleton intersection, drainage in Procoat parking lot has not been preserved, and as a result, stormwater does not drain away from Northeast corner of parking lot.	See NCR 1735, NDC 300	11/26/2019 10:34:48 AM -07:00	NC-2	NCR 1735 was written to track this issue	Closed
Central 70	C 0704-241	Install Temporary Drainage	Drainage	8/26/2019 11:54:22 AM - 06:00	The Developer shall be responsible for protecting and preserving public and private property from damage resulting directly or indirectly from stormwater runoff along or adjacent to the Site during construction of all improvements, including upstream and downstream properties		Stormwater from the project was not adequately controlled as a result water was discharged on to private properties at Univar and Tuffshed.	See NCR 1414	9/12/2019 7:41:38 AM -06:00	NC-2	Refer to NCR No. 1414	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	6/4/2019 9:09:17 AM - 06:00	f. Temporary traffic signal and timing plans shall be designed, as necessary, to facilitate re-construction of any existing signalized intersection. Span wire type installations are permitted for temporary signals only. Poles shall be placed at locations that will facilitate all stages of intersection reconstruction and must meet clear zone requirements. Noninvasive loops are permitted for temporary installations. All traffic signal pole locations shall be staked in the field and approved by CCD and Accepted by the Department before installations. All traffic signal timing plans shall be coordinated and approved by CCD prior to implementation. The plans shall be submitted for Acceptance to the Department prior to implementation for both temporary and permanent installations;		Temp CCD fiber was installed on the viaduct between Columbine on the week of 5/20/2019 without RFC plans. NDC-000056 was received by the department on 5/24/2019. At 10:15am on 5/24/2019 a field visit was made to the splice trailer where the contractor was splicing the CCD signals to the new temp fiber. No plans or splice details could be produced by the contractor. Please refer to CAR 08 as this is another example of work performed without RFC'd plans.	Acceptable response	7/16/2019 8:56:02 AM -06:00	Audit Comment	KIC has began implementing CAR-008 action items. One of the actions is a new process with KMP the department to walk field issues and make quick decisions on field fit issues.	Closed
Central 70	C 0704-241	Signal Conduit	Electrical		be designed and constructed to Local Agency standards		Conduit installed via directional boring and trenching per plan sheet sgnl-32. 2 legs of the intersection complete. Two 3" and one 2" conduit installed per signal plans. Other conduits installed per ITS and lighting and electrical plans.	Conformance	10/9/2019 1:54:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		a. Permanent ramp meter signalization design for all entrance ramps affected by the Construction Work shall include traffic signal poles, mast arms, pedestal poles, pole footing/caisson locations and sizes, traffic signal heads, signal head placement and alignment, controller cabinet(s), Advanced Transportation Controllers (ATCs), power disconnect and meter, signal phasing, conduits, pull boxes, Microwave Presence Detectors (*CO-092) for on ramp detection, Microwave Vehicle Radar Detectors (MVRD) for mainline detection, Ethernet communication, and on ramp signal system fiber optic interconnect. Designs for two lane entrance ramps shall include overhead mast arm designs with additional side pole heads for both lanes;		All conduits were installed per plansheet RMP-017.	Conformance	10/23/2019 9:47:18 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		a. Permanent ramp meter signalization design for all entrance ramps affected by the Construction Work shall include traffic signal poles, mast arms, pedestal poles, pole footing/caisson locations and sizes, traffic signal heads, signal head placement and alignment, controller cabinet(s), Advanced Transportation Controllers (ATCs), power disconnect and meter, signal phasing, conduits, pull boxes, Microwave Presence Detectors (*CO-092) for on ramp detection, Microwave Vehicle Radar Detectors (MVRD) for mainline detection, Ethernet communication, and on ramp signal system fiber optic interconnect. Designs for two lane entrance ramps shall include overhead mast arm designs with additional side pole heads for both lanes;		45' Mast arm, Traffic signal heads, pole caisson and all underground components of location installed as required.	Conformance	10/27/2020 1:23:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		b. Temporary ramp meter and timing plans shall be designed, as necessary; to facilitate traffic flow during re-construction of any existing ramp meters. Noninvasive detection is permitted for temporary installations;		Ramp meter timing plans have been developed and implemented throughout the project. In several cases, temporary noninvasive detection cameras are used.	Conformance	11/20/2019 3:09:16 PM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		g. Permanent ramp meters shall be required at I-70 Mainline entrance ramps as follows: xii. Westbound Havana Street – Reconstruction;		RMS installed per plans	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		g. Permanent ramp meters shall be required at I-70 Mainline entrance ramps as follows: xii. Westbound Havana Street – Reconstruction;		RMS is located at the entrance ramp of I-70WB from Havana NB.	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		g. Permanent ramp meters shall be required at I-70 Mainline entrance ramps as follows: xii. Westbound Havana Street – Reconstruction;		Permanent RMS configuration in place at WB Havana	Conformance	10/27/2020 1:23:13 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		<p>h. Existing ramp meter signal operations shall be maintained throughout construction. The Developer shall be responsible for the removal and disposal of existing signal equipment and structures that are to be replaced. The existing Type 170 controllers and serial communication for existing ramp meter locations shall be replaced with new Type 170 controllers (*CO-092) and Ethernet switches. If existing ramp meters are impacted as a part of the Project, new equipment shall be installed, as Approved by the Department (*CO-092). Existing ramp meters, listed below, and any added to temporary configurations need to continue operating with Type 170 controllers and serial communication until a full system switch-over to Ethernet (*CO-092) occurs. i. Westbound Central Park Boulevard (to I-270) (*CO-092);</p>		<p>Starting in June of 2019 all existing ramp meter locations were checked weekly, and any physical issues were reported to the developer. In all cases where issues were found, they have all been corrected within 24 hours.</p> <p>Because the project team us unable to check the status of the ramp meter network, a process has been developed to inform the department project team and the developer when there is a network or communication issue. An email distribution list was created to inform the project team when there is a network or comms issue. The developer then troubleshoots and corrects the issue and reports back through the email distribution chain. To date this process has worked extremely well.</p>	Conformance	11/20/2019 3:09:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	j. All ramp meters shall be interconnected with a 2 inch conduit and 12 strand single mode fiber optic cable to the local signal cabinet at each ramp termini;		It their temporary configuration, both eastbound and westbound ramp meters are currently connected with a 12 strand fiber optic cable within either new or existing 2" conduits.	Conformance	7/9/2019 12:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		k. All ramp traffic signal poles shall be galvanized. All two lane entrance ramps to I-70 Mainline shall be a two lane ramp metered, with the exception of westbound Vasquez and eastbound Havana on ramps which will be one lane; and		RMS mast arm is 45' Galvanized pole	Conformance	10/27/2020 1:23:13 PM -06:00	C		Closed
Central 70	C 0704-241	BMPs	Environmental	9/12/2019 4:26:56 PM - 06:00	The Contractor shall coordinate the construction of temporary BMPs with the construction of permanent BMPs to assure effective and continuous erosion and sediment control throughout the Construction Period.		On S Stapleton, intermittently from Dahlia to the EB I-70 On Ramp, there are no BMPs preventing sediment from washing from I-70 slope across S Stapleton. As a result, during a storm event, stormwater and sediment washed across S Stapleton. N Stapleton from the I-70 Off Ramp to Monaco also does not have BMPs.	See NRC 1498	9/16/2019 5:10:51 PM -06:00	NC-2	Refer to NCR No. 1498	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	9/12/2019 4:26:56 PM - 06:00	(2) Interim Stabilization. Stockpiles and disturbed areas as soon as known with reasonable certainty that work will be temporarily halted for 14 days or more shall be stabilized using one or more of the specified following methods:		On 30 Aug, crews completed work cutting overburden from the N Stapleton and Monaco Slopes. No interim stabilization has been completed at this time. On 13 Sept, the work will have been halted for 14 days, at which time the work will be nonconformant.		9/16/2019 7:28:20 AM -06:00	Audit Comment	Slopes were mulched on 9/12	Closed
Central 70	C 0704-241	BMPs	Environmental	9/27/2019 8:39:57 AM - 06:00	(6) Concrete waste, liquid and solid, shall not exceed 2/3 the storage capacity of the washout structure.		Concrete washout structure was filled over 2/3 full, allowing washout water from truck to overflow and drain onto surface surrounding structure.	See NCR 1536	10/2/2019 8:39:36 AM -06:00	NC-2	Refer to NCR No. 1536	Closed
Central 70	C 0704-241	BMPs	Environmental	8/29/2019 8:49:05 AM - 06:00	The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		FOD at NW On Ramp of Quebec was not maintained and allowed to fill with sediment. This issue was first brought up Monday, 26 Aug at approximately 7AM, as of Wednesday 28 Aug at 7AM no maintenance has occurred on FOD.	See NCR 1411	9/12/2019 7:37:46 AM -06:00	NC-2	Refer to NCR No.1411	Closed
Central 70	C 0704-241	BMPs	Environmental		The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		Track Pad maintenance was performed within 24 hours of notification.	Conformance	8/12/2019 11:41:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental	9/12/2019 4:27:27 PM - 06:00	(6) Failure to construct or implement erosion control or spill containment measures required by the Contract, or failure to construct or implement them in accordance with the Contractor's approved schedule as required by subsection 208.06(c).		The department observed embankment/trucking operations occurring without a track pad in place. This audit is documentation of the issue reported in the environmental whatsapp on 9/10 at 4:15am.	NCR 1500	9/23/2019 9:08:56 AM -06:00	NC-2	Refer to NCR No. 1500	Closed
Central 70	C 0704-241	BMPs	Environmental	9/27/2019 8:39:57 AM - 06:00	(10) Failure to install and properly utilize a concrete washout structure for containing washout from concrete placement operations.		After washout structure was filled, IQC and QCATs notified truck driver that washout structure was filled. Truck driver then washed concrete truck directly onto ground.	See NCR 1536	10/2/2019 8:39:44 AM -06:00	NC-2	Refer to NCR No. 1536	Closed
Central 70	C 0704-241	BMPs	Environmental	5/22/2019 4:40:18 PM - 06:00	(13) Failure to prevent discharges not composed entirely of stormwater from leaving the Construction Site.		Crews failed to contain storm water discharge which was diverted through the work area at 46th & Clayton. As a result the storm water traveled through the work area then sheet flowed across the travel lanes of 46th St. into the gutter and outside of the project limits to unprotected inlets.	1053	5/23/2019 3:58:38 PM -06:00	NC-2	Please refer to NCR # 1053	Closed



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Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	7/12/2019 7:13:33 AM - 06:00	7.2 Isolation of Nonconforming Work		The Department sent OVT failing test information via the failing test WhatsApp group on 7-10-19. The WhatsApp is a means of informing KMP quickly of nonconforming material identified by OVT. KMP did not isolate the nonconforming work as required per the PA and the Approved Quality Management Plan. KMP then paved asphalt on top of the questionable base at 6315 on 7-10-19.	See NCR 1235	12/10/2019 11:11:54 AM -07:00	NC-2		Closed
Central 70	C 0704-241	ITS	Electrical		QSP-10 Restricted Activity Construction		Conduit duct bank installed matches restricted activity-QSP-10-02-Restricted Activity Construction Form-Clayton 46th Ave Signed 7-29-19.	Conformance	8/9/2019 9:26:47 AM -06:00	C		Closed
Central 70	C 0704-241	BMPs	Environmental	6/19/2019 9:06:41 PM - 06:00	20.1.2. Water quality activities shall be conducted in accordance with Section 208.		The Department has been informed by CCD that the storm drain inlets in the sump area of the relocated 46th eastbound lane at the southwest quadrant of 16th and Steele are "live" and will discharge into CCDs MS4. The BMPs at this location are either missing or inadequate. See attached photos for further details. IQC wrote NC 1140 on 06-13-2019 and KMP did respond by	ncr 1140	6/25/2019 12:35:09 PM -06:00	NC-2	This NCR was self reported by KMP (#1140). Please refer to the NCR. Work as described in the disposition is complete as of 6/19. Additionally the structures group is working on shocrete application.	Closed



							applying "dirt glue" to the slopes on 06-14-2019. While the dirt glue may be helping, it is not an adequate solution by itself. The sandy nature on the uncompacted soil above the inlets diminishes the effectiveness of the dirt glue. In addition, there are multiple other sources of sediment that will drain to this sump area in a rain event. Also, there are gaps in the orange inlet covers that will allow sediment laden water to bypass the BMP. (See photos 4, 6, and 7.) The gaps were scheduled to be corrected on the evening in 06-14-2019, however based on the photos it appears that this work was not completed.					
Central 70	C 0704-241	ITS	Electrical		Due to the risk of obsolescence, equipment should not be purchased or ordered more than six months prior to the installation date for any piece of equipment without prior written Acceptance by the Department.		Equipment tested in ITS test lab prior to install and installed within 6 months of testing	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		ITS duct bank installed in the gore point between I270 and Cnetral Park. Well within I70 ROW.	Conformance	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		Conduit and duct bank of RMS is within I70 ROW	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduits placed within caisson meet CDOT standard specifications	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		All conduit is HDPE	Conformance	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduit installed per NEC requirements. All power and fiber to be pulled in separate respective conduit.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduit, Manholes and Pullboxes installed per NEC code.	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		All conduits installed for future separate pullbox locations.	Conformance	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduit is compliant with all NEC requirements.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		All conduit is Schedule 80 HDPE per national electric code requirements.	Conformance	10/29/2019 1:12:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Power conduits shall be placed above Zayo conduits if they are located in a joint trench;		Power conduit placed above Zayo conduits.	Conformance	10/29/2019 1:12:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. Power conduits shall be placed above Zayo conduits if they are located in a joint trench;		Two 2" Red HDPE conduits placed above Zayo/CDOT BZ encased duct bank. 2" reds were then covered with flow-fill after BZ set.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM -06:00	ii. Power conduits shall be placed above Zayo conduits if they are located in a joint trench;		Red Power conduit was installed above Zayo conduits.	Conformance	10/23/2019 9:46:46 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall maintain existing ramp metering connections and communications to the central ramp metering control system;		Existing RMS is correctly working and was verified with CDOT Ramp Metering	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Location markers for fiber optic and power shall be installed by the Developer as per the Project Special Provisions, Appendix A of this Section 3;		Fiber optic cable marker installed at pullbox location.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Two 2" Terracotta conduits installed per plan.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Conduits are correct coloration per plans.	Conformance	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Two 6" Grey Zayo conduit, five 2" orange CDOT HDPE, one 2" Green/Orange CCD HDPE installed per plan.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Two Zayo 6" conduits, five orange 2" and one green/orange conduit used per plans.	Conformance	10/29/2019 1:12:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Correct conduit coloration used as required.	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Conduits are correctly colored per plan	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Conduit conform with correct color coding requirements.	Conformance	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		vii. The Developer shall be responsible to install the number of conduits in a duct bank, as described below.		Correct conduits installed per plans	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		Required five 2" conduit installed per spec.	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		Conduit Duct Bank consist of: Five 2" Orange HDPE for CDOT One 2" Terracotta HDPE Lateral for CDOT One 2" Green/Orange HDPE for CCD Two 2" Blue HDPE for Zayo(Zayo Workorder Zayo-C-207) One 2" Red HDPE for CDOT Power One 3" Red HDPE for CDOT Power	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		Five orange 2" conduits used for CDOT duct bank.	Conformance	10/29/2019 1:12:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		Five CDOT 2" orange conduit installed per specifications.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. Any conduits needed for ITS or ETC fiber laterals or power shall be installed in addition to CDOT's five 2-inch conduits;		Three 2" terra-cotta lateral conduit for future Ramp meter system installed in addition to ITS duct bank.	Conformance	10/29/2019 1:12:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		Schedule 80 HDPE conduit used per specifications.	Conformance	10/29/2019 1:12:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		All conduits in use are schedule 80 HDPE	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		Conduit installed is HDPE schedule 80.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		All conduit installed are Schedule 80 HDPE and are UL Listed.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		All conduit bored in are HDPE	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		Conduits are HDPE Schedule 80.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		All conduit installed are HDPE conduit	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduits are factory manufactured with Silacor coating on interior of all conduit.	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduit are factory coated with Silocore lubricated liner.	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduits are factory coated with Silacor technology.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All conduit installed are factory lubricated with Silacor technology.	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All conduit installed is factory lubricated Silacore technology.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All conduit observed was Schedule 80 Silicore factory lubricated.	Conformance	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		All conduits are factory coated with Silacor technology.	Conformance	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduit is factory lubricated with Silacor technology.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduit entering manhole is factory coated with Silacor technology.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		HDPE conduit are factory lubricated with Silacore technology.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduit installed in accordance with CDOT standard specifications.	Conformance	10/29/2019 1:12:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		Conduits comply with CDOT and CCD stand specifications.	Conformance	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		Conduit installed per requirements. orange 2" and 1 green/orange stripe 2"	Conformance	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All CDOT Standard Specifications met during install of conduit.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduits were installed per plan.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduit and trenches/bores comply with CDOT specifications.	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduit are within conformance of 3.8.6	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		I. Fiberglass sweeps are not allowed unless otherwise Approved by the Department;		No fiberglass sweeps used to stub-up conduit. Conduit runs are continuous into future pullbox locations.	Conformance	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		O. If the conduit duct bank is trenched (*CO-049) under proposed or existing live traffic, a concrete (Class BZ) encased trench to the bottom of the pavement structural section is required; except under local roads, where the conduits shall be encased with concrete (Class BZ), and structure backfill (flow-fill) or Approved compacted backfill shall be installed from the conduit encasement to the bottom of the pavement structural section (*CO-049);		ITS DB is cast in BZ concrete and flow-filled to the top of trench. BZ has 1 foot of cover over conduit per project specifications.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(l) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo 31 installed as required	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange CCD installed as required	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One CCD 2" Green with Orange Stripe installed in trench as required	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange installed in trench as required	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange CDOT installed as required	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The Developer shall install CDOT's five 2-inch conduits, comprised of 4 spare conduits and one conduit for the CDOT backbone, and CCD's one 2-inch conduit along the I-70 Mainline.		Five orange 2" HDPE and one Green/Orange HDPE installed per specifications.	Conformance	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No other utilities are in the joint trench.	Conformance	2/26/2020 10:28:44 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		There were no utilities installed in the joint trench or within 4 feet of the joint trench.	Conformance	7/23/2019 1:30:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Utilities were not in joint trench or 4' of either side of duct bank.	Conformance	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Conduit bundled and free of any interference of utilities.	Conformance	8/15/2019 3:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities included in joint trench.	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		There are no utilities in the joint trench.	Conformance	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		ITS Duct back was bored in by itself.	Conformance	1/28/2020 10:42:43 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No Utilities in joint trench. 5 Orange CDOT HDPE and 1 Green with Orange HDPE CCD conduit (s) in trench.	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities are in the joint trench.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Conduit was installed using a directional bore machine. No utilities within 4 feet of bore.	Conformance	8/16/2019 7:59:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No joint trench. Conduit was bored underground within the embankment.	Conformance	9/18/2019 10:12:39 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		No wet utilities in area.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		No wet utilities along the ITS duct bank.	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		No wet utilities present	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		No wet utilities in area.	Conformance	8/15/2019 3:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		Conduit was not installed above or below any wet utilities. There were two crossings over storm drains.	Conformance	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Conduit duct bank had at least 4' of cover in all areas checked.	Conformance	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Conduit was bored and trenched no more than 22" wide and at least 4" deep.	Conformance	8/16/2019 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		The Conduit duct bank provided at least 4 feet of cover. Areas measured where between 4'6" and 5'4".	Conformance	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		ITS DB is less than 22" wide	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Conduit trench was excavated using backhoe and does not exceed maximum width of 22 inches wide. Conduit was secured and bundled together with zip ties to prevent separation.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Trench does not exceed 22 inches wide and is at a depth of 5'3".	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		As stated above conduit is at 5'3".	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Depth marking on bored locate do not exceed 6'.	Conformance	9/18/2019 10:12:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Bored conduit was between 4' and 6' deep	Conformance	8/16/2019 7:59:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Markings on pavement show bore shot between 4' and 6'.	Conformance	4/6/2020 1:42:31 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		One depth of the bore is shown at 7', but is acceptable.	Conformance	8/29/2019 10:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit bored in and marked in accordance to boreshot depth requirement	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		ITS duct bank sits at 4'9"	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was installed 5'1" below final grade.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was not measured more that 6' in all places measured.	Conformanc e	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		The Conduit duct bank was not measured deeper than 6'. Areas measured where between 4'6" and 5'4".	Conformanc e	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was installed at 4'6".	Conformanc e	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit in areas that were trenched is 5'3" below final grade.	Conformanc e	8/15/2019 3:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit is at 66 inches.	Conformanc e	7/16/2019 8:55:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		ITS DB is <6 depth	Conformanc e	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Measured random areas and also visually deep trench locations to verify that throughout trench no areas were deeper than 6 feet.	Conformanc e	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was not installed deeper that 6'	Conformanc e	1/28/2020 10:42:43 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit is not greater than 6 feet below final grade.	Conformanc e	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit duct bank ranged between 3-1/2' to 4-1/2' deep.	Conformanc e	2/26/2020 10:28:44 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was installed via boreshot and depths taken every 5 feet.	Conformanc e	10/10/2019 2:38:38 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM - 06:00	i. Conduit duct bank shall be no deeper than 6 feet		Conduit depth was measured in trench between 28" and 5'6". No conduit was deeper than 6'.	Conformance	10/23/2019 9:46:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM - 06:00	i. Cover and placement requirements for utilities, conduit, and duct bank shall be followed or as Approved by the Department;		Cover and placement requirement were meet or approved by the department and matched RFC'ed details.	Conformance	10/23/2019 9:46:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Cover and placement requirements for utilities, conduit, and duct bank shall be followed or as Approved by the Department;		Requirement met	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		No interference between conduits in area.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		BZ concrete was used to mitigate conduit from floating.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		At two storm drain crossing the 4' coverage was not able to be obtained. BZ concrete was brought in to cap the area where appropriate depth wasn't attained.	Conformance	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		Installed conduit does not interfere with any existing utilities or conduit in area.	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. The fiber conduits perpendicular to any drainage outlets shall be capped (*CO-049) in concrete (Class BZ) to prevent it from floating upward to the surface		No drainage crossings.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. The fiber conduits perpendicular to any drainage outlets shall be capped (*CO-049) in concrete (Class BZ) to prevent it from floating upward to the surface		No drainage outlets present	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. The fiber conduits perpendicular to any drainage outlets shall be capped (*CO-049) in concrete (Class BZ) to prevent it from floating upward to the surface		Drainage crossing in area was avoided by running ITS dB conduit underneath drainage and was cast in BZ concrete.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM - 06:00	ii. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated		An RFC design by the developer has been accepted for situations where conduit depth of 48" can not be meet.	Conformanc e	10/23/2019 9:46:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Two Zayo 6" conduit, five orange 2" CDOT conduit and one CCD 2" conduit bored in and pulled in a bundle.	Conformanc e	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduits bored and pulled in a bundle per requirements	Conformanc e	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		All conduit was installed in a trench. No boring.	Conformanc e	2/26/2020 10:28:44 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit is bundled together and secured using zip ties(not a project spec but a requirement by Sturgeon Electric).	Conformanc e	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduits were bundled together in bores	Conformanc e	1/28/2020 10:42:43 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit is bundled together for bore shots.	Conformanc e	8/15/2019 3:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		The bore shot under the Eastbound 225 ramp included 6 conduits and all were pulled back in a bundle together.	Conformanc e	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Bored conduit was pulled through in a bundle	Conformanc e	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit bundled and all pulled simultaneously.	Conformanc e	10/8/2019 10:58:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Bored conduit was bundled together when pulled back	Conformance	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		All bored conduit were bundled together and pull back as one.	Conformance	8/16/2019 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Bored conduit are pulled together in a bundle	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduits were bored and pulled together.	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		All conduit in the bore were bundled together.	Conformance	8/29/2019 10:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Bore shot had all conduits bundled and pulled in together.	Conformance	4/6/2020 1:42:31 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		All conduit was bundled together and pulled back at the same time.	Conformance	9/18/2019 10:12:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Only 1 terra cotta lateral conduit installed for CDOT lateral to VMS per plan.	Conformance	8/16/2019 7:59:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iii. Aerial fiber optic cable is not allowed for temporary or permanent installation, unless otherwise Approved by the Department (*CO-049);		No aerial fiber to be temporarily or permanently installed in area.	Conformance	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iii. Aerial fiber optic cable is not allowed for temporary or permanent installation, unless otherwise Approved by the Department (*CO-049);		No aerial fiber either temporary or permanent to be installed.	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iii. Aerial fiber optic cable is not allowed for temporary or permanent installation, unless otherwise Approved by the Department (*CO-049);		Permanent conduit is trenched in.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed as required.	Conformance	7/16/2019 8:55:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately after conduit install.	Conformance	8/15/2019 3:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All conduit(CDOT and CCD) plugged immediately after installation.	Conformance	5/22/2019 7:57:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed in all conduits after install.	Conformance	1/28/2020 10:42:43 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed right away.	Conformance	9/26/2019 11:00:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs immediately upon installation	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All installed conduit that was observed had conduit plugs installed.	Conformance	8/26/2019 9:27:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed directly after conduit was cut and in the ground.	Conformance	8/9/2019 10:46:28 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All conduit ends were verified that conduit plugs were installed.	Conformance	7/23/2019 1:30:21 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All new conduits had Conduit plugs installed after installation.	Conformance	8/16/2019 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately.	Conformance	10/8/2019 10:58:12 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	7/24/2020 12:22:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Plugs were installed immediately.	Conformance	9/24/2019 3:37:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Water-tight mechanical plugs were installed prior to conduit needing to be spliced together to prevent weather and dirt from entering conduit.	Conformance	2/17/2021 9:24:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were not installed immediately after the bore show was complete, but contractor left to get plugs and had the conduit plugged by the end of the day.	Conformance	8/16/2019 7:59:44 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed promptly after bore was complete.	Conformance	4/6/2020 1:42:31 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed immediately after conduit pulgs.	Conformance	8/29/2019 10:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed in all bored conduit.	Conformance	9/18/2019 10:12:40 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All conduit plugs were installed immediately.	Conformance	8/9/2019 2:00:38 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All conduit were plugged immediately upon installation.	Conformance	8/15/2019 3:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduits were observed to have duct plugs at the end of each shift.	Conformance	2/26/2020 10:28:44 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately after being cut from reels and after install into manholes.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately after cutting from reels and after pulling conduit through boreshot.	Conformance	10/10/2019 2:38:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM -06:00	iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed in all conduits immediately after installation.	Conformance	10/23/2019 9:46:46 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed immediately after conduit was pulled from trailers and placed in trench.	Conformance	11/11/2019 12:03:55 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The DMS shall be centered over the General Purpose Lanes, except at Approved cantilever locations, and but be visible to all Users (*CO-049).		DMS is centered above lanes	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The DMS walkway shall be mesh with a maximum diameter of 1/2-inch to prevent dropped tools and debris from falling onto the travelled way		DMS walkway is mesh and diameter of cutouts is less than 1/2"	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		In addition, the walkway shall be Occupational Safety and Health Administration (OSHA) compliant with side rails and toe kicks		Walkway is OSHA compliant	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The sign shall utilize light emitting diode (LED) displays;		DMS is full color LED technology	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		B. The sign shall be equipped with the ability to display three lines of text with a character height of 18-inches and 18 characters minimum per line;		Sign is equipped with 3 lines of text capability	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		C. The sign shall utilize a full-color, full-matrix display and utilize a 24 bit red, green, blue color with a 32-35 mm pixel spacing (approximate size 26 feet width, 8.5 feet height by 4 feet depth with a tolerable variation of plus or minus 7-inches);		Sign is compliant with full color requirements	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		D. The sign shall have a walk-in cabinet;		Sign is accessible by ladder mounted to overhead structure and is a walk-in DMS	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. The sign viewing angle shall be 30 degrees;		Sign viewing angle installed at 30 degrees from the roadway viewing angle	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The DMS shall be installed in accordance with manufacturer's recommendations		DMS installed per manufacturer recommendations.	Conformance	7/24/2020 9:17:23 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Pullbox is made from fiberglass reinforced concrete and manhole is 5'x5'x5' (changed from 4'x4'x4' with NDC)	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		CCD Pullbox is 24x36	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pullboxes are 24x36 inches.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pullboxes(2) are 24"x36"	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pullbox measures 24"x36" after previous NC for incorrect pullbox size	Conformance	12/12/2019 9:48:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Power pullbox and Fiber lateral pullbox are installed in a cluster.	Conformance	12/12/2019 9:48:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Pullboxes installed in a cluster.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		CDOT communications pullbox and CDOT power pullbox are clustered together 2' apart.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		CDOT and Zayo manholes installed in cluster.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Manhole and pullbox in area are clustered together.	Conformance	8/15/2019 3:37:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		4 total pullboxes are clustered together.	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		B. Pull boxes are not allowed in traffic areas, paved shoulders, paved roadways, and sidewalks, unless otherwise Approved by the Department. Where Approved by the Department, pull boxes in traffic areas shall be traffic rated. (*CO-029) No fiber optic splicing shall be performed in CDOT pull boxes;		As shown in previous pictures the pullboxes are installed on a slope and are not placed within traffic of shoulders.	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		B. Pull boxes are not allowed in traffic areas, paved shoulders, paved roadways, and sidewalks, unless otherwise Approved by the Department. Where Approved by the Department, pull boxes in traffic areas shall be traffic rated. (*CO-029) No fiber optic splicing shall be performed in CDOT pull boxes;		Pullbox is not in future roadway plan or paved shoulder area.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		B. Pull boxes are not allowed in traffic areas, paved shoulders, paved roadways, and sidewalks, unless otherwise Approved by the Department. Where Approved by the Department, pull boxes in traffic areas shall be traffic rated. (*CO-029) No fiber optic splicing shall be performed in CDOT pull boxes;		Pullboxes are 30 feet from roadway.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Manhole is not in future roadway plan or in paved shoulder.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		Pullbox and Manholes are spaced correctly.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. Pull boxes for ITS and ETC power shall be spaced no greater than 300 feet apart as Accepted by the Department;		Distance between pullboxes is minimal due to Schedule 10 Section 3 requirement of pullbox clustering whenever possible.	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. Pull boxes for ITS and ETC power shall be spaced no greater than 300 feet apart as Accepted by the Department;		Pullboxes are currently spaced 4 feet apart.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Pullboxes are installed within 10 ft. of future location for a CCTV, DSRC and EFS.	Conformance	12/12/2019 9:48:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Future ITS pole will be 5 feet from pullbox cluster.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Pullboxes are located 5' from future ITS device location.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Future placement of ITS cabinet and ITS pole is within 5 feet of pullbox cluster. (Attached image shows conduit stubbed up [grey conduit] for future placement of ITS cabinet and Pole)	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullboxes are Quazite brand and have CDOT cast into pullbox lid	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Lid is skid resistant and labeled TRAFFIC COMM per CCD spec.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Lid is skid resistant and has CDOT cast into lid	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullboxes are Quazite brand concrete reinforced fiberglass. They also include a skid-resistant lid and are labeled "CDOT COMM".	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullboxes are constructed of fiberglass reinforced polymer concrete with a detachable two piece lid. Pullboxes are labeled CDOT COMM and ELECTRIC respectively.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullboxes are manufactured by New Basis from fiberglass reinforced concrete. The lid is skid-resistant and is labeled "CDOT POWER"	Conformance	12/12/2019 9:48:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Painting of words shall not be allowed		No paint used	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Painting of words shall not be allowed		Words are not painted nor shall they be.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Painting of words shall not be allowed		Words have not been and shall not be painted	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullboxes are Quazite brand which have a Tier 22 rating	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullbox is tier 22 rated as shown cast into lid.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Tier-22 Rated	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullbox is Tier22 rated.	Conformance	12/12/2019 9:48:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullboxes are Tier 22 rated.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullboxes are Tier 22 rated.	Conformance	10/14/2019 8:00:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		The Developer shall furnish and install all pull boxes and manholes based on the Construction Standards and any applicable Local Agency standards and specifications. Each location shall be easily accessible for maintenance purposes. Pull boxes shall not be placed in a known flood-prone area or drainage ditch. A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole.		ITS pullboxes installed per RFC plan sheet ITS-038	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is accessible for future needs.	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is easily accessible for future maintenance purposes.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is accessible for future crews	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Manhole was installed per plan and will be easily accessible.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is easily accessible for future use.	Conformance	8/23/2019 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Not installed in flood prone area	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Area is not a known flood-prone area or drainage ditch.	Conformance	8/15/2019 3:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Area is not a known flood-prone area.	Conformance	7/23/2019 11:28:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Each Manhole TMS shall include all hangers and hooks that needed all proposed fiber and communication cabling. Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Contractor shall neatly excavate the site of Manhole TMS installation. A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Pre-cast units shall be provided with factory-installed knockouts that will permit the installation of a minimum of 6 of 2-inch conduits. The factory-installed knockouts shall be at a depth of 3 feet below the top of the Manhole TMS.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Manhole TMS shall be pre-cast concrete, circular or square, with a base and cast iron frame ring and cover. Each Manhole TMS, frame, and cover shall conform to American Association of State Highway and Transportation Officials (AASHTO) HS20-44. Manhole TMSs shall be capable of accepting concrete grade rings to add height to raise the ring and cover to a future finished grade.	Conformance	6/12/2019 10:09:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Manhole TMS shall be pre-cast concrete, circular or square, with a base and cast iron frame ring and cover. Each Manhole TMS, frame, and cover shall conform to American Association of State Highway and Transportation Officials (AASHTO) HS20-44. Manhole TMSs shall be capable of accepting concrete grade rings to add height to raise the ring and cover to a future finished grade.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words “CDOT COMM” cast on top of cover.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		The Contractor shall neatly excavate the site of Manhole TMS installation. A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Pre-cast units shall be provided with factory-installed knockouts that will permit the installation of a minimum of 6 of 2-inch conduits.	Conformance	10/10/2019 12:38:50 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		The Contractor shall use UL listed splice couplings that comply with the NEC. All associated work to splice the conduit shall be included in the cost of the item. The coupling technology used to connect conduit ends shall require no special tools and form a watertight, airtight seal.	Conformance	10/11/2019 8:41:18 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit shall always enter a pull box, manhole, cabinet base and all other structure types from the direction of the run only.	Conformance	10/11/2019 8:41:18 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit installed longitudinally under roadway surfaces shall be encased in concrete. The Contractor shall use a process to install the conduits that ensures the conduits do not float up in the concrete and shall use interlocking spacers manufactured for use in encased conduit installation	Conformance	10/11/2019 8:41:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Where multiple conduits are installed in a joint trench, the Contractor shall install conduits in a manner that allows the backfill material to completely surround all exterior surfaces of the conduit. The Contractor shall separate conduits using conduit spacers.	Conformance	10/11/2019 8:41:18 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM - 06:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		If conduit is installed prior to the placement of the concrete below the conduits, the conduits shall be bundled and supported by manufactured conduit spacers to allow the concrete to flow under and between the conduits to the proper dimensions without displacing the unsupported sections of conduit. Conduits shall be bundled, supported and anchored at a maximum distance of 5 feet if concrete is placed around the conduit. Conduit was bundled and separated with chairs/spacers.	Conformance	10/23/2019 9:46:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	10/23/2019 2:59:59 PM - 06:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Conduit installed longitudinally under roadway surfaces shall be encased in concrete. The Contractor shall use a process to install the conduits that ensures the conduits do not float up in the concrete and shall use interlocking spacers manufactured for use in encased conduit installation.</p> <p>The concrete bundle at station 2115+25 was encased in concrete, but was not anchored down appropriately which caused it to float. The top of conduit is roughly 30" from grade.</p>	response acceptable	11/18/2019 8:30:22 AM -07:00	Audit Comment	A conversation was held with Sturgeon management and quality manager. The field crew will add to the PC checklist to double check spacing and number of anchors to prevent floating from happening in the future	Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Conduit installed longitudinally under roadway surfaces shall be encased in concrete. The Contractor shall use a process to install the conduits that ensures the conduits do not float up in the concrete and shall use interlocking spacers manufactured for use in encased conduit installation</p>	Conformance	10/10/2019 11:57:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Where multiple conduits are installed in a joint trench, the Contractor shall install conduits in a manner that allows the backfill material to completely surround all exterior surfaces of the conduit. The Contractor shall separate conduits using conduit spacers.	Conformance	10/10/2019 11:57:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		The Contractor shall use UL listed splice couplings that comply with the NEC. All associated work to splice the conduit shall be included in the cost of the item. The coupling technology used to connect conduit ends shall require no special tools and form a watertight, airtight seal.	Conformance	10/10/2019 11:57:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit shall always enter a pull box, manhole, cabinet base and all other structure types from the direction of the run only.	Conformance	10/10/2019 11:57:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.</p> <p>All exposed conduit ends checked were plugged.</p>	Conformance	8/7/2019 10:35:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>All materials furnished, assembled, fabricated, or installed under this item shall be new, Underwriters Laboratories (UL) listed, corrosion resistant and National Electric Code (NEC) compliant. Materials shall be submitted to the Department for Approval.</p> <p>All conduit installed was per the approved submittal.</p>	Conformance	8/7/2019 10:35:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.</p> <p>Trenched conduit from station: 2278+00 to Station: 2286+00 was Schedule 80 HDPE.</p>	Conformance	8/7/2019 10:35:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Requirement: Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.</p> <p>Conduit plugs have been verified added to all conduit exposed above ground and within pull boxes and cabinet.</p>	Conformance	7/9/2019 12:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Requirement: Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE. All bored conduit at block 6320 was verified Schedule 80 HDPE conduit.</p>	Conformance	7/9/2019 12:58:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Requirement: During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis. All bore logs were complete and submitted through Aconex. Bore logs show specific depths along bore shot.	Conformance	7/9/2019 12:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		All conduits terminating in a pole or sign structure shall extend to a point 6 inches below the handhole in the pole or structure. Conduit were extended up to accommodate access from the pole hand hole in the future.	Conformance	10/23/2019 9:47:18 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE. All Conduit installed was either PVC or Sch 80 HDPE	Conformance	10/23/2019 9:47:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.</p> <p>Bore logs have been submitted.</p>	Conformance	9/9/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Unused conduit shall be plugged with mechanical duct plugs that provide a watertight barrier. Duct plugs shall be removable. Plugs shall be of the proper size for the conduit diameter being plugged.</p> <p>Conduit plugs were installed in all CDOT and CCD conduits.</p>	Conformance	9/9/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>This work includes furnishing and installing new High-Density Polyethylene (HDPE) and Polyvinyl Chloride (PVC) Electrical Conduit and fittings for use with fiber optic cable, electrical conductors, and communications cabling.</p> <p>A bored conduit installed was HDPE schedule 80.</p>	Conformance	9/9/2019 9:38:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Conduit depth of 4'6" could not be reached in one spot due to a storm drain. Conduit was capped with BZ concrete in the area.	Conformance	8/29/2019 10:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis. Bore Log attached	Conformance	8/29/2019 10:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE. Conduit was bored to a point near the new CDOT manhole and then trenched into place at the manhole.	Conformance	8/29/2019 10:36:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>HDPE conduit and fittings shall be certified by the manufacturer as meeting American National Standards Institute (ANSI) ANSI/UL 651A. PVC conduit and fittings shall be certified by the manufacturer as meeting ANSI/UL 651. The manufacturers shall be International Organization for Standards (ISO) 9001 compliant.</p> <p>Conduit was checked against submittal and matched. Submittal met all requirements.</p>	Conformance	9/9/2019 9:38:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Where multiple conduits are installed in a joint trench, the Contractor shall install conduits in a manner that allows the backfill material to completely surround all exterior surfaces of the conduit. The Contractor shall separate conduits using conduit spacers. The conduit spacers shall be installed per the manufacturer's recommendations.</p> <p>Conduit spacers (chairs) were installed in in the duct bank to allow concrete to completely cover all surfaces.</p>	Conformance	9/9/2019 9:38:24 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>This work includes furnishing and installing new High-Density Polyethylene (HDPE) and Polyvinyl Chloride (PVC) Electrical Conduit and fittings for use with fiber optic cable, electrical conductors, and communications cabling.</p> <p>All conduit was either HDPE or PVC.</p>	Conformance	9/9/2019 9:38:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio. Communication pull box next to ramp meter cabinet currently has fiber optic cable and power conductors within the same pull box. Please explain how this will be resolved in final configuration.	Response acceptable.	8/23/2019 10:36:11 AM -06:00	Audit Comment	This is an NDC for permanent configuration. The work referenced is temporary work that matches the existing condition.	Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Each pull box shall have an Electrical Marker System (EMS) locator disk manufactured into the lid for communication line locating.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Test point locations shall be integrated into the pull box lids to provide for attachment of test leads of various connector types for underground conduit tracing.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Pull boxes 24 inches by 36 inches and larger shall have removable split lids with a removable metal center support beam.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		Wire mesh shall be installed in a manner to completely surround the box. The wire mesh shall meet the material standard ANSI/American Society of Testing and Materials (ANSI/ASTM) A555-79 and made of T-304 stainless steel, 0.025 inch wire diameter minimum and shall have a spacing of 10 mesh per inch.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box. The granite/gravel shall be free of dirt and debris and spread evenly to facilitate a level base for the pull box. The Contractor shall ensure that sufficient compacting is made prior to the installation of granite-gravel to alleviate future settling.	Conformance	6/10/2019 1:37:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical	7/10/2019 2:13:03 PM - 06:00	Revision of Section 614 – Serial to IP Converter		Ramp meter cabinet at Peoria was moved over the weekend of 6/28/2019 to it's permanent location at Sta: 403+43. The Click 301 Serial to IP converter was re-installed and confirmed working by CDOT Region 1 on 7/1/2019.	Conformance	7/9/2019 12:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	OVT Test Failure Notification	OVT Materials Testing	7/12/2019 7:13:33 AM - 06:00	The Department will perform periodic verification tests to ensure that the Developer's materials meet the requirements of the Project Agreement.		OVT unable to verify the Proctor 19-1755 S01 for the OVT level 2 one-point verification performed on 7-10-19. See attached WhatsApp string for more information.	See NCR 1235	12/10/2019 11:11:49 AM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/1/2019 12:43:27 PM - 06:00	502 Piling		IQC was not present at the eastbound Quebec off ramp during pile driving operations as one 45' section of piling was driven at abutment 2 location E with no blow counts.	NCR issued	10/4/2019 7:25:13 AM -06:00	NC-2	NCR 1544 has been issued.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		504 MSE walls		Item 2.10 on IQC Checklist asks if work performed was in conformance with project documents. IQC approved item, however multiple items were found to be in nonconformance with plans and specifications. IQC pictures also show multiple issues detailed in audit, however do not address them in checklist. Picture 3.24 shows a panel that is out of alignment, however this is not addressed in checklist.	See NCR 1404	9/12/2019 7:32:49 AM -06:00	NC-2	NCR 1404 was issued	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	606 Guardrail		IQC inspector failed to identify issues found in the field and did not note any issues on the checklist found in Kietrac (however, it is in pending status from 6/26/2019 pour).	NCR 1217 written	7/15/2019 4:29:20 PM -06:00	NC-2	This NCR will be resolved in NCR 1217	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	8/29/2019 8:50:29 AM - 06:00	630 MHT Maintenance		IQC Checklist item 1.7 documented barrier reflective strips missing, and issued NCR.	Conformance	8/29/2019 6:04:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	STO-TRAFFIC SWITCH		Item 1.3 states that lane was swept prior to striping. Right shoulder was not swept prior to striping, and west of Monaco intersection, left shoulder was not swept prior to striping.	See NCR 1461	9/16/2019 5:20:12 PM -06:00	NC-2	NCR-1461 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/28/2019 10:46:59 AM - 06:00	STO-TRAFFIC SWITCH		Item 1.5 of the checklist asks if pavement is safe for traveling public. Because of the lack of ramps, pavement is not safe for public to access businesses on N Stapleton.	See NCR 1466	9/27/2019 8:16:11 AM -06:00	NC-2	NCR-1466 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	STO-TRAFFIC SWITCH		STO Checklist did not check for mile marker signs in item 1.6.		9/24/2019 7:44:03 AM -06:00	Audit Comment	Due to discussion held with CDOT informing them that these signs would not be installed for this switch, it was not included in the STO.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:40:54 AM - 06:00	STO-TRAFFIC SWITCH		PC completed a long term closure checklist, however signs that were not observed were highlighted as installed. IQC has not submitted a checklist as of 3:38PM 6 Aug.		11/26/2019 10:39:52 AM -07:00	Audit Comment	Sidewalk closed signs were not placed that night as sidewalk was open. Highlighted drawings attached is to ensure Kiewit has the signs, not that the signs are installed that night. That is completed in the checklist itself.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	STO-TRAFFIC SWITCH		STO did not note missing reflector strips in barrier, item 1.4 checked off that reflectors were in place.		11/6/2019 1:15:50 PM -07:00	Audit Comment	Training will be done with the crews doing the STO to ensure they know the spec on reflector strips	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	6/19/2019 9:13:15 PM - 06:00	STO-TRAFFIC SWITCH		The length of the reverse curve of the Peoria St west bound on ramp does not match plan sheet. The reverse curve is shorter than shown on the plans. Plans call for gore striping to end at station 2325+72.75, striping ends approximately at station 2327+00. IQC safe to open checklist states that striping directs traffic to desired location (1.3), striping was not correctly placed. The Department has elected to issue this as an NC-2 with the understanding that the striping will be corrected on the next night shift.	See NCR 1161	7/17/2019 10:36:02 AM -06:00	NC-2	NCR 1161 Created	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/28/2019 3:29:32 PM - 06:00	STO-TRAFFIC SWITCH		IQC failed to record a Safe to Open Checklist for traffic shift, placing traffic within slide of barrier wall without setting barrier wall.	See NCR 1186	2/10/2020 4:34:11 PM -07:00	NC-2	This is addressed by NCR No. 1186	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	STO-TRAFFIC SWITCH		IQC Safe to Open checklist was completed.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	8/26/2019 8:54:29 AM - 06:00	STO-TRAFFIC SWITCH		Contractor approached the department with a revised plan sheet form the EOR to use curb instead of barrier wall while still adhering to the AASHTO Roadside Design Guide. This revised stamped sheet was not provided to the IQC/PC staff performing the traffic switch. As a result the substitution was not documented during the safe to open and inspection staff did not have the materials to adequately inspect the work being performed. The Restricted Activity Process should have been used for this change and was not.	See NCR 1486	9/19/2019 8:22:48 PM -06:00	NC-2	NCR- 1486 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		STO-TRAFFIC SWITCH		STO Checklist was completed.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM - 06:00	STO-TRAFFIC SWITCH		IQC completed Safe to Open checklist.	Conformance	7/15/2019 9:28:37 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	STO-TRAFFIC SWITCH		IQC Safe to Open Checklist was completed.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	STO-TRAFFIC SWITCH		Safe to Open checklist was not submitted to Kietrac within 24 hours of opening lane to traffic. On checklist, there is an item for sweeping prior to opening. Lane was not swept prior to striping and opening to traffic.	See NCR 1388	9/3/2019 8:30:23 AM -06:00	NC-2	NCR 1388 Created	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	STO-TRAFFIC SWITCH		STO checklist stated that all sticks of barrier in acceptable conditions. Multiple barriers had exposed reinforcing and corner spalls. CDOT Standard Plan M-606 -14 General Note 1 states that all steel reinforcing shall be 2 inches clear of the nearest surface of concrete.	1487 created	9/18/2019 7:49:59 AM -06:00	NC-2	NCR-1487 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/31/2019 1:09:09 PM - 06:00	STO-TRAFFIC SWITCH		As of 16 Oct, no STO or Long Term Closure Checklist was found on Kietrac.	1628 created	11/13/2019 8:18:46 AM -07:00	NC-2	NCR 1628 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	STO-TRAFFIC SWITCH		Safe To Open checklist was submitted by IQC.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	STO-TRAFFIC SWITCH		Item 1.4 shows that barrier reflectors were installed with correct spacing, this did not happen. Item 1.5 shows that no manholes are in the wheelpath, there are manholes in wheel path. Item 1.6 shows that all necessary signs in place, there are missing signs and type 3 barriers.	See NCR 1929	1/30/2020 4:59:56 AM -07:00	NC-2	NCR 1929 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		STO-TRAFFIC SWITCH		A STO checklist was submitted by IQC.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	7/11/2019 7:44:01 AM - 06:00	26.3 One-Call Centers		Developer began excavation without utility locates. When asked by Zayo about lack of locates, Ryan Stroh explained that it had been marked previously and then paved over. He had surveyed the previous marks and didn't need to refresh. At time of excavation, no marks were visible within the work area.	NCR written	7/1/2020 12:51:06 PM -06:00	NC-2	This issue will be resolved in NCR 1227	Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All material or debris has been disposed of at an approved location.		Material to be disposed of is being done so at appropriate locations.	Conformance	9/6/2019 9:55:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The surface following the clearing operation is free from brush, roots, sod, grass, residue of agricultural crops, sawdust, and other vegetable matter.		The surface following removal of asphalt and concrete will be to the roadway base/subgrade layers, which then be removed for future wall construction. The surface will be excavated and free of any sod, grass, sawdust, etc.	Conformance	9/6/2019 9:55:15 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The surface following the clearing operation is free from brush, roots, sod, grass, residue of agricultural crops, sawdust, and other vegetable matter.		Conformance	Conformance	6/4/2020 7:42:39 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	A bridge removal plan has been submitted to the Engineer atleast 21 days prior to start of removal operations.		Conformance	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		A bridge removal plan has been submitted to the Engineer atleast 21 days prior to start of removal operations.		The Peoria St. bridge removal plan was submitted to the Engineer more than 21 days prior to the start of removal operations.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		A bridge removal plan has been submitted to the Engineer atleast 21 days prior to start of removal operations.		The bridge removal plan for the existing I-270 flyover was submitted and in Aconex on 08/02/19, more than 21 days before the planned bridge removal.	Conformance	8/12/2019 2:10:56 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		A Pre-Removal Conference has been held at least 7 days prior to beginning of removal of the bridge.		A pre-removal conference was held more than 7 days prior to the beginning of the bridge removal.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	A Pre-Removal Conference has been held at least 7 days prior to beginning of removal of the bridge.		Held 21 days in advance of work.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	The removal of the existing bridge is being performed in a safe manner.		Pedestrians had mostly unrestricted access to the area underneath the bridge as there was not a constant presence there to escort them during safe times.	The issue was addressed.	6/26/2019 7:15:02 AM -06:00	Audit Comment	The disciplines and sub contractors have been notified and trained to escort pedestrians.	Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		I observed a significant amount of the bridge removal and did not see the Contractor do anything that was not safe.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		Bridge removal process was performed in a safe manner.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable. Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.		Safety critical demolition package was submitted and stamped.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		The Contractor followed removal methods that were in the Bridge Removal Plan.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	<p>The removal methods are according to the Bridge Removal Plan which has been "Approved for Construction" and signed by the Contractor and Stamped by an Engineer when applicable.</p> <p>Applicable Engineer Stamp items: -(1) The removal sequence, including staging of removal operations. Sequence of operation shall include a detailed Schedule that complies with the working hour limitations. -(3) Shoring that exceeds 5 feet in height, all falsework and bracing.</p>		The removal methods were consistent to the Bridge Removal Plan which was "Approved for Construction" and stamped by an Engineer.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	Removal of Hazardous Materials is in accordance with Schedule 17 Environmental Requirements.		There were no Hazardous Materials removed.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		During excavation for MSE wall, the column footings for the existing Dahlia bridge were discovered. After communicating with production and IQC, footings were removed prior to hold point inspection. This comment was FIELD RESOLVED.	Field Resolved	3/17/2020 12:34:23 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		Holes from substructure removal have been filled with Structure Backfill (Class 2) to the existing grade.		Holes in the median where the columns/drilled shafts were previously located were filled with the specified material to the existing grade.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		I checked the traffic control prior to the bridge demolition and found that it matched the submitted MHT. Emergency response agencies were notified of the closure and detour in advance of the bridge demolition.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		When crews were working on the West edge of the bridge the East sidewalk was not open for pedestrians. As a result pedestrian had to walk through the work area near the structure being demolished. Attached are photos of the issues.	The issue was addressed.	6/26/2019 7:15:26 AM -06:00	Audit Comment	Escorts will be available for pedestrians.	Closed
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		Closures were installed according to approved MHTs, and set and removed within allowable timeframes.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		Roadway was swept clean prior to opening to traffic. During removal process several areas of pavement on Quebec were minorly damaged due to the dragging of debris across pavement. No large potholes or cuts were observed. Existing barrier wall was also damaged during removal process, however temporary precast type 7 barrier was used to replace damaged areas in the southeast and southwest corner.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		Contractor failed to protect existing Dahlia roadway per the approved demo plan. As a result the roadway was damaged and was not repaired prior to reopening to traffic. Attached to item 8 are photos of the issues.	The damaged roadway issue will be addressed.	6/26/2019 7:16:06 AM -06:00	Audit Comment	Lawrence has been notified and areas damaged will be removed and replaced.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	6/17/2019 8:04:10 AM - 06:00	Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		The existing pavement on Holly St underneath I-70 was not protected, an excavator with metal tracks was allowed to operate on street. Curbs and sidewalks were damaged by equipment during removal of slope paving. This is being issued as an audit comment so crews can address prior to opening roadway.		7/9/2019 1:44:27 PM -06:00	Audit Comment	PC and IQC will monitor the area and ensure repairs take place. Safety Critical conference's for demo will address the protection of existing work	Closed
Central 70	C 0704-241	Structure Demolition	Removal		Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		The Contractor had started sweeping Sunday morning and I checked back later and found that everything had been removed, including debris and traffic control devices, and the area had been swept.	Conformance	9/17/2019 9:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	Details of the removal operations were submitted by the Contractor to the Engineer 10 days before beginning bridge removal. These details show the methods, sequence of removal, and equipment to be used.		Conformance	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	All methods and equipment used to accomplish this work have been approved by the Contractor Engineer		Shown in demo plan.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Saw cutting was performed with a vertical face and to the depth of the reinforcing steel.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Saw cuts were performed with a vertical face, full depth of structure.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		Where such portions of existing structures lie wholly or in part within the limits of a new structure, they shall be removed as necessary to accommodate the construction of the proposed structure.		Existing structure was removed to phase line detailed in safety critical plan for current removal phase.	Conformance	11/15/2019 2:54:04 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal	6/7/2019 7:28:29 AM - 06:00	For removal of concrete on bridge decks, the operation has begun with saw cutting approx. 1" deep to a true line along the removal limits.		Saw cutting was performed to a true line along the removal limits and to the required depth.	Conformance	6/6/2019 11:02:05 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Removal is in conformity with the plans or as directed.		Removal of asphalt and concrete is within conformity of the plans, and as directed.	Conformance	3/3/2020 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Removal is in conformity with the plans or as directed.		Removal process is in conformity with the plans and as directed.	Conformance	10/1/2019 4:13:01 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Removal is in conformity with the plans or as directed.		Removal is being performed in conformance with the plans and as directed for future work to occur, which included waterline installation.	Conformance	11/12/2019 8:39:07 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Methods and equipment for concrete removal have been approved by the Engineer.		Method of removal has been previously approved.	Conformance	11/12/2019 8:39:07 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Methods and equipment for concrete removal have been approved by the Engineer.		Methods and equipment to be used for the concrete and asphalt removal in this area have been done so safely, and by approved method of removal.	Conformance	10/1/2019 4:13:01 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Methods and equipment for concrete removal have been approved by the Engineer.		Methods and equipment utilized for removal are adequate and being performed as approved.	Conformance	3/3/2020 8:34:58 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage	10/14/2019 7:24:06 AM - 06:00	Existing Cross Drains, Storm Drains, embankment protectors and drainage appurtenances between Brighton Boulevard and Sand Creek shall be removed in their entirety and replaced with drainage features designed for the Project. The limits of removal shall be limited to I-70 Mainline, CDOT Roadways, 46th Avenue North, 46th Avenue South, Stapleton Drive North and Stapleton Drive South. Drains abandoned by the Developer outside the aforementioned removal limits shall be plugged and flow filled per CDOT Standard Specifications and submitted to the Department for Approval prior to abandonment.		Existing 18 inch RCP was not removed. Crews exposed line while working to construct MSE and CIP Wall 425-W2. Embankment material was then placed up to 4 feet on top of pipe.	See NCR 1476, KIE-RSUB-000035	12/20/2019 8:18:08 AM -07:00	NC-2	This was rejected without comments in October. The original statement is still correct NCR 1476 was written to resolve this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/29/2019 9:23:12 AM - 06:00	Existing Cross Drains, Storm Drains, embankment protectors and drainage appurtenances between Brighton Boulevard and Sand Creek shall be removed in their entirety and replaced with drainage features designed for the Project. The limits of removal shall be limited to I-70 Mainline, CDOT Roadways, 46th Avenue North, 46th Avenue South, Stapleton Drive North and Stapleton Drive South. Drains abandoned by the Developer outside the aforementioned removal limits shall be plugged and flow filled per CDOT Standard Specifications and submitted to the Department for Approval prior to abandonment.		Pipe called out for removal was backfilled over.	NCR written	11/20/2019 9:07:15 AM -07:00	NC-2	NCR 1717 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	All sedimentation and debris has been removed from the culvert and apputenant structures.		All sedimentation and debris was not removed from the inlets. Inlet protection will also need to be put in place. Cleaning of inlet structures was brought up by the Department on 6/8/19. Inlet cover piece noted to be within one of the structures, as well as not a correctly sized inlet grate cover.	NCR 1134 Created.	6/25/2019 9:56:23 AM -06:00	NC-2	This issue will be resolved through NCR 1134	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		No conflicting markings were observed.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		All conflicting markings were removed.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		There were no conflicts with utilities at this abutment.	Conformance	2/3/2020 11:54:27 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		Piling locations were staked by survey and there were no conflicts with any utilities.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		All utilities (in particular a high pressure gas line) were located prior to driving piling and there were no conflicts.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		The piling locations do not conflict with any utilities.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		The piling conflicted with a Sturgeon box, but that box was placed in the wrong location due to a bore being off and will be relocated.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		The piles are not in conflict with any utilities.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		There were no conflicts with piling and utilities.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		The piling has no conflicts with any utilities.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Piles are not in conflict with any utilities.		The piles are not in any conflict with any utilities.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles are not in conflict with any utilities.		The piles are not in conflict with any utilities.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		I walked the abutment area and looked at the stakes, and found that the piles were properly staked with the correct information.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		The pile locations were staked but did not have the flange orientation as I had to look that up in the plans and inform the contractor.	Issue addressed	10/22/2019 8:08:56 AM -06:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		The pile locations were properly staked and have the correct information.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		The piling locations were properly staked and had the correct information on the stakes.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Piling locations are properly staked with the correct orientation information.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Pile locations are properly staked with flange orientation, line and driving depth.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		All pile locations appeared to be properly staked, were in a straight line and had the proper distance between markers.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		The pile locations and orientation were properly staked.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Piling locations were properly staked.	Conformance	2/3/2020 11:54:27 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piles.	Conformance	2/3/2020 11:54:27 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		The excavation was complete before driving piling.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		The excavation was completed prior to driving piling.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed before driving piling.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		All excavation was completed prior to driving piles.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips are attached according to the plans.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Pile tips have been attached according to the plans when required.		Pile tips are required and are attached according to the plans.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM -06:00	Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	9/4/2019 2:18:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Piling tips were attached according to the plans.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips have been attached according to the plans.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips are attached according to the plans.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips are required and were attached according to the plans.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	2/3/2020 11:54:27 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Has IQC approved the piling & if used bitumen and primer materials through the MMR process & it matches the MMR?		IQC approved the piling and the piling matched the MRR.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Has IQC approved the piling & if used bitumen and primer materials through the MMR process & it matches the MMR?		IQC approved the piling and the material in the field matched the MRR.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Has IQC approved the piling & if used bitumen and primer materials through the MMR process & it matches the MMR?		IQC approved the piling and the piling in the field matched the MRR.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		The contractor had an issue with PDA's due to the two bridges being considered as one at the beginning of work here.	Issue addressed	10/22/2019 8:10:32 AM -06:00	Audit Comment	IQC self reported an NCR and received a letter from the EOR confirming the driving criteria utilized was adequate.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		There were two PDA tests run at each of the abutments.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM - 06:00	Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		I witnessed the Ground Engineering representative run the PDA, but this was the first element of the bridge and another will be performed on the other abutment.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		A PDA test was run for this abutment and one is scheduled for the west side abutment.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		The PDA test was performed according to the specifications.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		PDA test was run on two piles at two different elements (east abutment and west abutment) of the bridge.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans in size, type and tips installed.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those on the plans in size, type and tips installed.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those on the plans according to size, type and tips being installed.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling match those shown on the plans in size, type and tips installed.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling matches those shown on the plans in size, type and tips.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match that which is called out for within the plans for this shoring system.	Conformance	9/17/2019 4:35:20 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling used at the abutment match those shown on the plans in size, type and tips installed.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans for size, type and tips installed.	Conformance	2/3/2020 11:54:27 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling and tips match the plans on size and type.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans in size, type and tips installed.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those shown on the plans.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	9/16/2019 12:58:59 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment was submitted and approved by IQC.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment was submitted and approved by IQC before the start of driving.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		The pile driving equipment was submitted and approved by IQC.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment was submitted and approved by IQC.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The pile driving equipment in the field matches the approved equipment and is in good working order.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment being used in the field matches the approved equipment is in good working order.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment. The contractor replaced a clogged fuel filter after having an issue keeping the hammer fired, and the hammer operated correctly after that.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM - 06:00	The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and the contractor replaced the fuel filter to get the hammer in good working order.	Conformance	10/7/2019 12:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM - 06:00	The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement, have a pile gate fitted at the bottom and are long enough to be securely fixed at the ground.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM - 06:00	Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement, have a pile gate fitted at the bottom and are long enough to be securely fixed at the ground at all times.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		The leads are adequate to prevent horizontal movement, have a pile gate at the bottom, and are long enough to be securely fixed at the ground.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		The pile hammer leads are adequate to prevent horizontal movement and are equipped with a gate at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		The driving leads are adequate to prevent horizontal movement of the pile and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement. The leads have a pile gate fitted at the bottom and the leads are long enough to be securely fixed at the ground at all times.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a gate fitted at the bottom.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or the pile.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or piling.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or the piling.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer and pile.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damaged to the hammer and pile.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or pile.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer and pile.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer and pile.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or pile.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or pile.	Conformance	10/7/2019 4:09:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer or pile.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is made of nylon.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer has a nylon pile cushion.	Conformance	10/7/2019 4:09:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope, or asbestos cushion material.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM - 06:00	Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is made of nylon.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion appeared to be made of a nylon/delrin type material and is suitable.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope, or asbestos cushion.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope, or asbestos.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is made of a nylon material.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope, or asbestos cushion material.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer is equipped with a nylon cushion.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to minimum specified tip elevation.		The piling that I observed were driven past the minimum tip elevation specified.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piling was driven to refusal in natural ground at or below minimum tip elevations.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		The piles were driven to refusal in natural ground.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	12/2/2019 9:20:58 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piling was driven to refusal in natural ground.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piling were driven to refusal in natural ground.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		The piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		All piling was driven to refusal.	Conformance	10/7/2019 4:09:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles have been installed with a 1/4" or less per foot from vertical or from batter on the plans & within 6" of Plan position for foundation piles post driving.		Piles have been installed with 1/4" or less per foot from vertical and are within 6" of plan position.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles have been installed with a 1/4" or less per foot from vertical or from batter on the plans & within 6" of Plan position for foundation piles post driving.		Piles were installed within 1/4" or less per foot from vertical and within 6" of plan location.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Piles have been installed with a 1/4" or less per foot from vertical or from batter on the plans & within 6" of Plan position for foundation piles post driving.		Piles were installed with 1/4" or less per foot from vertical and within 6" of plan position.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are on the APL and approved by the Engineer.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		The commercial pile splices are from the APL and are approved by the Engineer.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		The commercial pile splicers are of an approved type.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are from the APL and have been approved by the Engineer.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are from the approved products list and are approved by the Engineer.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are from the approved products list and have been approved by the Engineer.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices were approved by the Engineer and are on the APL.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are from the approved products list and have been approved by the Engineer.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		The pile splicers are on the CDOT approved products list and are approved by the Engineer.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	All commercial splices have been approved by the Engineer.		The commercial splices are from the CDOT approved products list and are approved by the Engineer.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to welding.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	All welders are qualified and have been approved prior to starting welding.		All welders are qualified and are approved.	Conformance	10/7/2019 4:09:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to welding.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM -06:00	All welders are qualified and have been approved prior to starting welding.		Two welders that worked on the first splice did not have their welder qualification paperwork submitted into Aconex prior to welding and then we're also not qualified to weld 1" plate.	NCR was written to address this issue.	9/16/2019 12:55:12 PM -06:00	NC-2	NCR 1502 was written to track this non conformance	Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and were approved prior to welding.	Conformance	12/2/2019 9:21:41 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		There was an issue with welder qualifications that was resolved.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to welding.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to the start of welding.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC inspectors (Gene Johnson and Sean Gilman) inspected all stages of the welded splices.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC inspector inspected all stages of the welded splice.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		An agreement was made that an IQC CWI could inspect all stages of the welded splice and Jim Chaney performed that duty.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI (Gene Johnson) has inspected all stages of the welded splice.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC inspector inspected all stages of the welded splices.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI has inspected all stages of the welded splice.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM - 06:00	The PC CWI has inspected all stages of the welded splice.		There was only a IQC CWI on site and he stopped the welders from continuing until a qualified welder could complete the work.	Issue addressed with the NCR.	9/16/2019 12:55:49 PM -06:00	Audit Comment	Jim Chaney stopped the welders only qualified for 3/4" plate. The welding was finished with a Certified 1" plate welder Bill.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI (Gene Johnson) inspected all staged of the welded splice.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI inspected all stages of the welded splice.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM - 06:00	PC inspector is a qualified CWI.		There was not a PC CWI on site.	Issue addressed	9/16/2019 12:56:10 PM -06:00	Audit Comment	Max Kwofie is the PC welding inspector. He was on night shift and a discussion was held with IQC about his presence not being needed.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspectors (Sean Gilman, Gene Johnson) are qualified CWIs.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector (Gene Johnson) is a qualified CWI.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		Both IQC inspectors are qualified CWI's.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles were used.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles have been used.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles were used.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles were used.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:32:31 PM -06:00	All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made by using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	10/7/2019 4:09:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	10/7/2019 4:08:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM - 06:00	All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS that was submitted by the contractor.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM - 06:00	All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		The joint design was pre-qualified and the WPS was submitted by the contractor.	Conformance	9/4/2019 2:18:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made by using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made by using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS was submitted by the contractor.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	9/16/2019 12:59:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		All welded splices were made using low hydrogen electrodes.	Conformance	12/5/2019 9:53:05 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		All welded splices were made using low hydrogen electrodes.	Conformance	2/3/2020 11:54:28 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		All welded splices are performed with low hydrogen electrodes.	Conformance	12/18/2019 10:17:10 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	2/17/2020 8:59:51 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices are performed with low hydrogen electrodes.	Conformance	5/22/2020 9:53:24 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	9/5/2019 4:16:59 PM -06:00	Welded splices are performed with low hydrogen electrodes.		Low hydrogen electrodes were used on the splices.	Conformance	9/4/2019 2:18:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	10/8/2019 4:31:43 PM -06:00	Welded splices are performed with low hydrogen electrodes.		I checked the welding rods being used and they were a low hydrogen type.	Conformance	10/7/2019 12:54:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The first two splices have been ultrasonically tested for acceptance.		The contractor performed UT on the necessary piling.	Conformance	6/8/2020 6:40:09 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site supervisors and drill rig operators.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site supervisors and drill rig operators.	Conformance	1/6/2020 4:48:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		KFC On-Site Supervisors and Drill Rig Operators have been approved by IQC.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site drill rig operators and supervisors to be performing the work.	Conformance	6/24/2019 3:27:18 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC and UPRR have reviewed and approved the on-site supervisors and drill rig operators within the revised drilled shaft installation plan.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC team has previously reviewed and approved the on-site supervisors and drill rig operators.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC Team has reviewed and approved the on-site supervisors and drill rig operators.	Conformance	7/25/2019 11:36:47 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC has reviewed and approved the KFC Drilled Shaft Installation Plan as they are crew performing the work for 302-W1 Wall.	Conformance	7/25/2019 11:36:47 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC team has previously reviewed and approved the Drilled Shaft Installation Plan.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC has reviewed and approved the KIC Secant Shaft Installation Plan.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC and UPRR have reviewed and approved the revised Drilled Shaft Installation Plan.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		Safety Critical Grout Column Submittal has been reviewed and approved by IQC.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		KFC Drilled Shaft Installation Plan has been reviewed and approved by IQC.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC and BNSF has reviewed and approved the drilled shaft installation plan.	Conformance	1/6/2020 4:48:45 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC and UPRR has reviewed and approved the drilled shaft installation plan.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The overall equipment, process, and details in the approved drilled shaft plan was followed and implemented in conformance.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The crew followed all processes outlined in the Drilled Shaft Installation Plan.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The overall equipment, process, and details in the approved drilled shaft plan was followed and implemented in conformance.	Conformance	1/6/2020 4:48:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Approved process, including equipment and other details, in the drilled shaft plan are being followed by the drilled shaft crew.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Grout column installation is being followed as described within the approved submittal.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Modifications to the drilled shaft process have been reviewed and approved within the revised drilled shaft installation plan. The equipment, processes, and details within approved plan have been followed and are within conformance.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The equipment, overall process, and details set forth in the approved secant shaft installation plan is being followed by the field crew.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The equipment and processes, as defined in the approved drilled shaft plan are being followed by the field crew. Changes are not being made without submitting and receiving approval.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The equipment, process, and details shown in the approved drilled shaft plan are being followed by all crew members, and being implemented properly.	Conformance	7/25/2019 11:36:47 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Slurry is being utilized, and has been previously approved by the IQC Team.	Conformance	7/25/2019 11:36:47 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Slurry is being utilized and has been submitted and approved by IQC and UPRR. List of Contractor personnel assigned to project and trained with slurry use has been provided by manufacturer's representative.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Required submittals regarding the use of slurry have been reviewed and approved by IQC.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Polymer slurry utilized for drilled shaft operations. Polymer slurry to be used was reviewed and approved by IQC and UPRR. Submittal included names of contractor personnel trained by manufacturer's representative in the proper use and testing of slurry.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Polymer slurry utilized for drilled shaft operations. Polymer slurry to be used was reviewed and approved by IQC and BNSF.	Conformance	1/6/2020 4:48:45 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		The proper form and information was provided on the inspection report. Please see attached.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		Inspection logs, utilizing CDOT Form 1333 - Inspector's Report of Caisson Installation, each drilled shaft is being documented.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		IQC performed inspection and prepared CDOT Form 1333 Inspection for Drilled Shaft #7 at Abutment 1.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		PC & IQC Representatives are performing and completing respective checklists, including inspection logs using the CDOT Form 1333 or equivalent.	Conformance	7/25/2019 11:36:47 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		Quality control staff performing inspection duties and preparing inspection logs using CDOT Form 1333 to document Shaft C8 for Abutment 3 (North) of the S/V Bridge.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		Required information on the Form 1333 was provided. (i.e. types of equipment used, slurry test results, and method of bottom cleaning, etc.)	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		The required information, as set forth on the Form 1333, are being listed as a part of the inspection during drilled shaft operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		Form 1333 completed by IQC provides the required information of type and dimension of equipment used, type of drilling fluid, and methods used for cleaning out of bottom of shaft.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		Additional information, including equipment used, results of slurry test, problems encountered, and method used for bottom of shaft cleaning, is being documented as required.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		The proper information was provide on the inspection report. Please see the attached inspection report in Comment #2.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Cover		In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		The proper information was provide on the inspection report. Please see the attached inspection report in Comment #2.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		Concrete placement records are included in checklists, including concrete yield curve and tremie tip elevation during concrete placement.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		Concrete placement records have been created to include tremie tip elevation during concrete placement, as well as a concrete yield curve.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		During concrete placement operations, the required information, including tremie tip elevation and concrete yield after each truck has been placed (actual vs. theoretical), is being adequately documented.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The contractor shall show bracing and any extra reinforcing steel required for fabrication of the cage on the shop drawings.		Required information regarding extra reinforcing steel for fabrication of rebar cages is shown on the shop drawings, and approved by IQC.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The contractor shall show bracing and any extra reinforcing steel required for fabrication of the cage on the shop drawings.		Drilled Shaft Rebar Shop Drawings show additional reinforcing / bracing required for fabrication of the cage.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor is controlling operations to ensure recently drilled holes are being protected, and construction means and methods are being utilized to prevent any caving of drilled shaft excavations, while also monitoring and controlling vibrations around recently drilled and placed holes.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		I observed the drilling and pouring operations and the contractor sufficiently controlled both operations to prevent damage to existing structures, utilities, and roadway.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor controlling operations to prevent damage to existing structures and previously drilled holes, or other facilities or utilities. Means and methods set forth in the approved Drilled Shaft Installation Plan were depicted to best prevent excessive caving of drilled shaft, monitoring and controlling of vibrations from temporary casing, etc.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Precautions are being taken to control operations and prevent damage to surrounding structures, and recently drilled holes or shafts placed.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor is controlling their work, and performing operations in a manner to prevent damage to existing structures, recently drilled holes, utilities, etc.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Operations performed in a manner to best prevent damage to existing structures, recently drilled shafts, utilities, etc. Drilled was done in a manner to best prevent any shaft caving by using temporary casing and polymer slurry during drilling operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		The contractor had a cave-in issue with the drilled shaft when the shaft was started, but filled it with flow fill and re-excavated.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor controlling operations in the area to prevent any damage to existing structures, previously installed drilled shafts in the proximity, and using best practices to prevent excessive caving of the drilled shaft during excavation.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor is controlling their operations to prevent damage to existing structures, newly drilled holes with fresh concrete, and following their approved installation plan to prevent any caving during casing installation & removal.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Locations were previously staked adequately for the placement of secant pile guide wall template for the pump station base.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The location for the drilled shaft have been adequately staked with the correct information.		Location of Shaft C8 was adequately staked out prior to any drilling operations, and were double checked by the contractor performing the drilling operations.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	The location for the drilled shaft have been adequately staked with the correct information.		I checked the info on the survey stakes and found it adequate to maintain control of location and there were several stakes in case one was knocked out.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Wall 302-W1 Caissons 140 / 144 / 148 were drilled and concrete was placed on 7/24/19. These shafts were all adequately staked for layout.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The location for the drilled shaft have been adequately staked with the correct information.		Each shaft location / centerline of pile was laid out prior to install of temporary casing, and continuation of drilling.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The location for the drilled shaft have been adequately staked with the correct information.		Location of signal foundation was adequately staked by survey.	Conformance	10/26/2019 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Locations for grout columns have been adequately staked out.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The location for the drilled shaft have been adequately staked with the correct information.		Location for Abutment 1 Shaft 7 was adequately staked for layout.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Shaft location was adequately staked out prior to placement of temporary casing, and drilling operations commencing.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The location for the drilled shaft have been adequately staked with the correct information.		The survey stakes were present and had sufficient information on them to locate the shaft correctly.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The location for the drilled shaft have been adequately staked with the correct information.		Appropriate stakes and markings were in place to ensure the rebar cage was in the right location.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The location for the drilled shaft have been adequately staked with the correct information.		Location for Pier 4 Shaft 44 was adequately staked for layout. 12' Shoring Casing was installed prior to 7' Casing for drilled shaft.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The location for the drilled shaft have been adequately staked with the correct information.		Location for Pier 2 Shaft 2 (Center) was adequately staked for layout.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The location for the drilled shaft have been adequately staked with the correct information.		Stakes were placed at drill shaft location	Conformance	8/26/2019 12:58:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The location for the drilled shaft have been adequately staked with the correct information.		Area was staked and verified by IQC prior to drilling.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The location for the drilled shaft have been adequately staked with the correct information.		Location staked and verified by IQC.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The shaft location has been check for potential underground utility conflicts.		All proper procedures followed prior to shaft being drilled.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The shaft location has been check for potential underground utility conflicts.		All proper procedures observed before drilled shaft began.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The shaft location has been check for potential underground utility conflicts.		Shaft location was checked prior to installation of shoring/ casing for any potential underground utilities.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The shaft location has been check for potential underground utility conflicts.		Shaft location was checked prior to installation of shoring/ casing for any potential underground utilities.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The shaft location has been check for potential underground utility conflicts.		The shaft location had been checked for potential underground utility conflicts.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Shaft location was previously checked to ensure no potential underground utilities would be in conflict.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The shaft location has been check for potential underground utility conflicts.		Shaft location was checked prior to installation of shoring/ casing for any potential underground utilities.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		The shaft location has been check for potential underground utility conflicts.		Area has been checked for potential underground utility conflicts and none present a risk at this location.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The shaft location has been check for potential underground utility conflicts.		Foundation shaft was checked for potential underground utility conflicts.	Conformance	10/26/2019 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The shaft location has been check for potential underground utility conflicts.		Shaft locations were checked for potential underground utility conflicts, and no digging was performed until the proper dig permit was received.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Shaft location was checked for potential utility conflicts prior to drilling operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The shaft location has been check for potential underground utility conflicts.		Shaft location was checked for potential underground utilities conflicts prior to proceeding with drilling.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Shaft locations were checked for potential underground utility conflicts prior to commencing.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the foundation cap elevation of the secant wall was completed prior to drilling operations.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Foundation cap elevation was excavated to prior to drilled shaft excavation beginning.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the allowable elevation for the install of the shoring piles was completed prior to drilling of the shafts. Excavation was needed to be low enough to install walers and tie rods.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Prior to excavation final grade was complete	Conformance	7/24/2020 12:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the top of foundation cap to receive grout columns has been completed prior to grout column drilling and placement of concrete.	Conformance	6/24/2019 3:27:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to base of foundation cap was completed prior to drilling operations proceeding.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		12' Shoring Casing was installed and completed to top of drilled shaft elevation prior to shaft operations began.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the cap elevation for the drilled shafts at Pier 2 were completed before drilled shaft construction began at this location.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Final grade established before drilled shaft began.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation began at 0800 and was completed at 1000. Excavation was continuous without pause.	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilled shaft excavation completed within same day as start.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation completed in same work day as start.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling from bottom of CMP casing installed to tip of shaft was conducted in a continuous operation.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling from bottom of casing installed to tip of shaft was conducted in a continuous operation.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The excavation was a smooth and continuous operation until the drilled shaft was complete.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation of the caisson was conducted in a continuous operation until it was complete.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling operations are a continuous operation with no pauses or interruptions, except for installation of cage and removal of temporary casing after concrete placement.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation of drilled shaft completed continuous operation without interruption	Conformance	7/24/2020 12:21:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling continued in one continuous operations until the excavation was completed, including bottom cleanout.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling operations proceeded in smooth operation until the excavation was completed.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation of the shafts continues in one operation as smoothly as can be done. As stated in the approved installation plan, there will be times where the excavation is advanced one day and finished another day.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		When shafts excavations are not complete at the end of the shift, they are protected by covering to ensure the hole is covered to prevent anyone or anything from falling into the drilled shaft. These shafts are also being protected from caving through the use of temporary casing for the entirety of the shaft.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		The contractor did not complete the excavation by the end of the day, but filled the shaft with tested slurry and covered the excavation to prevent anyone from falling into the shaft.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		When stoppages occurred during drilled shaft operations, the shaft was protected through the use of casing and polymer slurry for up to 72 hours. The 72 hour timeframe was not exceeded and concrete was placed.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		The contractor protects the drilled shaft excavation through the use of polymer slurry.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Drill shaft excavation, cage placement, and concrete were completed on the same day.	Conformance	8/26/2019 12:58:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Sidewall over reaming shall be performed when the time for shaft excavation exceeds 24 hours or when the sidewall of the hole is determined to have softened due to the excavation methods, swelled due to delays in the start of concrete placement, or degraded because of slurry cake buildup		The drilled shaft was left open over night. The concrete was placed in the drilled shaft before the 24 hours has elapsed.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Sidewall over reaming shall be performed when the time for shaft excavation exceeds 24 hours or when the sidewall of the hole is determined to have softened due to the excavation methods, swelled due to delays in the start of concrete placement, or degraded because of slurry cake buildup		The shaft was open for less than 24 hours, so no over reaming was necessary.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		The applicable specifications for polymer slurry are being followed.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry applicable specifications are being followed.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry applicable specifications are being followed in conformance with the Contract, and testing/inspection of slurry was completed.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry was being utilized during drilling operations. The applicable specifications were followed and achieved when slurry tests were performed.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry was observed to be tested and to be within conformance with all properties (Density, Viscosity, pH, and Sand Content).	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water displaced during concrete placement operations is being properly collected, preventing it from entering railroad or environmentally sensitive/ restricted areas.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water displaced during concrete placement operations was pumped back and collected preventing it from potentially entering any travel lane, water way, or environmentally sensitive area.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Displaced water and slurry during final cleaning and concrete placement has been collected by pumping back to slurry tanks, and is prevented from entering the travel lanes, environmentally sensitive areas, and leaving the construction site.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		The contractor had a vac truck on site to collect any slurry and water.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Water displacement, and concrete were collected.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water displaced during final cleanout is being adequately protected from entering any railroad area.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water displaced during final cleanout is being adequately protected from entering any railroad area.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was pumped off and into a tank.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Minimum level of polymer slurry was maintained within the excavation.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Minimum level of polymer slurry was maintained within the excavation.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		The minimum height/level of the slurry was maintained on the shafts after the completion of excavation and prior to placement of concrete.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		This shaft was dry as no water came into the hole and the slurry that was used to maintain the excavation overnight was removed by the vac truck.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		Dry shaft installation methods are being followed, and meet the requirements of less than 2-inches of sediment or debris for no more than 50 percent of the bottom area of each shaft. Maximum depth of any sediment shall not exceed 3 inches.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		Dry shaft construction was followed and all conditions were met.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation site was properly protected.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been protected to prevent material or any persons from falling into the drilled shaft.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been protected to prevent material or any persons from falling into the shoring/ drilled shaft casing.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Excavation has been protected to prevent material or persons from falling into the hole.		The drilled shaft casing was installed 4ft above the ground elevation to ensure no one would fall in.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Crews tied off and panels for covering hole labeled "hole" used.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Covers with "Hole" labeled on site for protection. Crews also wore harnesses and were tied off.	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Crews tied off for protection	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been protected to prevent material or persons from falling into the hole. These measures remain in place should operations move into the following day and aren't completed in one shift.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Immediately after drilling hole and before cage placement hole was covered to prevent items/people from falling in hole.	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		The contractor covered the excavation overnight to prevent any material or persons from falling into the hole.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Temporary casing is being utilized to protect material or persons from falling into the hole. The temporary casing is being placed with the top portion at an adequate height above the ground level.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to ensure material or persons from falling into the hole.	Conformance	10/26/2019 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		Excavation area remained protected throughout all operations of drilling, cage placement, and concrete placement operations.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Elevation of temporary casing is being maintained high enough to ensure hole is protected to prevent materials on personnel from falling into hole.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation area has been protected to prevent anyone or anything from falling into the hole. Area was roped off around active drilling operations.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been well protected to prevent material of persons from falling into the hole. Crew performs JHA prior to shift beginning each day, and no person may be within the vicinity of the excavation unless tied-off.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Shaft hole is of the correct diameter, and the pile is placed plumb.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Shaft foundation is plumb and correct diameter.	Conformance	10/26/2019 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and of correct diameter. The excavated material is being compared with geological borings to ensure adequate rock socket length.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft has been checked for plumbness, including the temporary casing installed. The diameter has been checked against the RFC plans, and excavated material is being documented to compare to geological information obtained in borings.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft inspected by IQC to be plumb, correct diameter, and the excavated material was being compared to applicable geological information to ensure adequate material (bedrock embedment) is being reached and achieved.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was inspected by IQC and noted to be plumb, correct diameter, and the excavated material that has been drilled is being compared to the geological information that has been previously provided in boring logs.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The contractor checked the plumbness and diameter of the shaft multiple times and IQC verified the geological information.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Both caissons in area are to specifications.	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and the diameter is correct. The excavated material is being compared with the geological information for each shaft that is being drilled.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and diameter in correct	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Plumbness and diameter verified by IQC	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Shaft drilled and plumpness and depth verified by IQC.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The drilled shaft was plumb and the diameter of the casing was the correct size.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and drilled with the correct diameter. The excavated material was compared with the geological borings taken to ensure adequate bearing material was reached with proper embedment.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and drilled with the correct diameter. The excavated material was compared with the geological borings taken to ensure adequate bearing material was reached with proper embedment.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft 44 at Pier 4 was drilled to proper elevation, and minimum embedment was obtained and documented to ensure proper embedment depth into bearing material.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The drilled shaft depth was verified with a weighted tape.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft 2 at Pier 2 was drilled to proper elevation, and minimum embedment was obtained and documented to ensure proper embedment depth into bearing material.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		18 ft. Depth verified by IQC	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Depth of 18 ft.	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Depth verified by Kiewit IQC.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Drilled Shafts (Secondary Shafts) 38 & 42 were drilled to elevation after consulting the engineer for secant pile depths. This information was documented by IQC.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Caisson placement meets survey stakes in area	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		I observed IQC verify that the shaft had been drilled to the proper tip elevation.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shafts were drilled to required elevation, and minimum embedment into bearing material was achieved.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment was achieved and documented by IQC.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft has been drilled to planned elevation, or until minimum embedment has been obtained, whichever is lower.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft has been drilled to proper elevation, and minimum embedment was obtained and documented.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft foundation was drilled to required depth per plan.	Conformance	10/26/2019 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		All shafts were drilled to proper elevations, and the minimum embedment of the pile was achieved.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation was not left open overnight. Shaft was drilled and concrete placed within the same day.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation is being cased full depth.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation left open overnight is cased and protected against sidewall instability through the use of polymer slurry.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Slurry was used to protect against sidewall instability overnight.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation left open overnight is cased and protected against sidewall instability through the use of polymer slurry. The 72 hour timeframe for the use of polymer slurry is closely monitored by production and IQC teams.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The drilled shaft was not left open overnight.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		All casing was watertight include the splices in the casing.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing used for drilled shaft operation is watertight and clean prior to placement in the excavation area.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	All casing (including splices) shall be watertight and clean prior to placement in the excavation.		CMP Casing used for drilled shaft operation is watertight and clean prior to placement in the excavation area.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Segmental casing is being utilized, and all sections, including where connections are being made with bolts, are watertight and clean prior to being placed in the excavation.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing used for drilled shaft operation is watertight and clean prior to placement in the excavation area.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If permanent casing is called out on the plans the installed casing is of the same diameter and satisfies the called out minimum thickness.		Non-structural (temporary stay-in-place) casing is called out within the approved drilled shaft installation plan, and satisfies the proper casing diameter per plan and minimum thickness needed.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	If permanent casing is called out on the plans the installed casing is of the same diameter and satisfies the called out minimum thickness.		Permanent CMP casing installed per the approved drilled shaft installation plan is of adequate diameter and thickness.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If permanent casing is called out on the plans the installed casing is of the same diameter and satisfies the called out minimum thickness.		Non-structural (temporary stay-in-place) casing is called out within the approved drilled shaft installation plan, and satisfies the proper casing diameter per plan and minimum thickness needed.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing is smooth wall steel.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		No temporary casing was installed.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing is smooth wall steel.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing conforms to the specifications of being smooth wall structural steel.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing is smooth wall structural steel.	Conformance	9/17/2019 4:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing is smooth wall structural steel as required.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing being utilized is smooth wall structural steel.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing is smooth wall structural steel as required.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing, as depicted in the drilled shaft installation plan, is being installed and removed without deforming and potentially causing any damage to the completed shaft, including disturbing the surrounding soils.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing is being installed and removed as set forth in the approved Drilled Shaft Installation Plan. Install and removal operations are being performed in a manner to not damage or deform the shaft, and to not disturb the surrounding soils.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing was able to be installed and removed, per the approved installation plan, without causing damage to the completed secondary shafts (38 & 42).	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing is capable of being installed and removed without deforming or causing damage to other completed shafts, or disturbing surrounding soils.	Conformance	9/17/2019 4:35:20 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing is carefully installed and removed with little twisting of casing to best prevent disturbing of surrounding soils, and to protect completed shaft and cage from any twisting or other non-conformance's.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		60" temporary casing is capable of being removed without causing damage to the completed shaft.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Casing is of ample strength to prevent any damage or deformation from transportation or installation, and all other forces acting on the casing.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Temporary casing is of ample strength to resist damage and handle all external forces acting on the casing.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Temporary Casing is of required ample strength to resist any damage or deformation during transport and handling, and any pressures or forces acting upon it during its use.	Conformance	9/17/2019 4:35:20 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Temporary casing is double walled and of ample strength to resist damage and deformation throughout the secant shaft installation process.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Temporary casing is of ample strength to resist damage and deformation throughout the drilled shaft installation process.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Temporary casing material is of adequate strength to resist damage and deformation from transportation, handling, and installation/removing, etc.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Casing is of ample strength to prevent any damage or deformation from transportation or installation, and all other forces acting on the casing.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Casing is of ample strength to prevent any damage or deformation from transportation or installation, and all other forces acting on the casing.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		The temporary casing was completely removed after the operation.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing is being completely removed at the end of concrete placement operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing is being completely removed. As this operation is done, sufficient head of concrete has been maintained to ensure material outside the temporary casing does not breach the column of newly placed concrete.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing is removed upon the flow fill concrete being utilized is set up enough. During the removal process, the surrounding area within the temporary casing is backfilled.	Conformance	9/17/2019 4:35:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing is completely removed after concrete placement operations. Sufficient head of concrete is maintained to ensure any remaining slurry or water in proximity does not breach freshly placed concrete for drilled shaft.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		CSL tubes have been filled with water prior to concrete placement.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		Prior to concrete placement, Shaft C8 CSL Tubes were filled with water and watertight caps installed.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		CSL tubes have been filled with water prior to concrete placement.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		CSL tubes have been filled with water prior to concrete placement.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to rebar and concrete placement, IQC confirmed the base of the excavation was sound and not covered with more than allowable sediment or loose material per the specification.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		I observed the shaft sounding and there was less than 3 inches of sediment/loose material just prior to reinforcing cage and concrete placement.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to concrete placement, the drilled shaft meets the required criteria for the tip of the shaft regarding shaft cleanliness.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to rebar and concrete placement, the bottom of the shaft excavation was cleaned out to ensure that the base is not covered with more than 0.5 inch for 50% of the base area of sediment or loose or disturbed material.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		I observed IQC verify that the base of the excavation met specifications for a dry shaft.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to concrete placement, the drilled secant shaft meets the required specifications for bottom of shaft cleanliness when utilizing dry shaft method.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to reinforcement and concrete placement operations, the tip of the drilled shaft excavation meets the requirements for wet drilled shaft excavation in soils.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was tied 100% at all intersections, and was braced adequately enough to retain its configuration during all handling and placement operations.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		it was verified that the cage was tied 100% before placing of the cage. 6" feet chairs were used to keep the cage suspended off the ground.	Conformance	9/30/2020 10:17:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		IQC has inspected and accepted rebar cages to ensure the cage is 100% tied at all intersections, and that at intersections for atleast 4 vertical bars they are double tied. Cages are inspected to ensure they are free of loose bars and that its configuration during handling and construction is maintained in its entirety throughout concrete placement operations as it is suspended off the bottom of the shaft.	Conformanc e	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Rebar cage tied at all intersections	Conformanc e	7/24/2020 12:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was tied 100% at all intersections, to ensure its configuration was held in place during all handling and concrete placement operations.	Conformanc e	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping	8/15/2019 4:19:57 PM -06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The rebar cage was tied according to specifications.	Conformanc e	8/15/2019 1:11:03 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		I inspected the reinforcing cage and verified that it met specifications.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was inspected and approved by IQC. The cage was noted to be tied at 100% of all intersections, free from loose bars, and rigidly based to retain its configuration throughout the entire placing operation in the shaft and during concrete.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was tied 100% at all intersections, and double tied where necessary. Cage was inspected by IQC and approved prior to installation in shaft.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		I checked the cage along with IQC (Victor Kim) and it was 100% tied at intersections, double tied at intersections for 4 vertical bars, free of loose bars and rigidly braced.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		PC and IQC inspected and approved reinforcing cages, and inspected to ensure tied 100% at all intersections to ensure configuration is maintained during transport and installation of cage in hole.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		PC and IQC inspected and approved reinforcing cages, and inspected to ensure tied 100% at all intersections to ensure configuration is maintained during transport and installation of cage in hole.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Cage was properly tied, free from loose bars, and rigidly braced.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		No splicing was required for this reinforcing cage.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		since it was a low overhead drill caisson, the plan stated that the cage could be splice when half the cage was in the shaft, mechanical couplers were used for the splicing.	Conformance	9/30/2020 10:17:25 AM -06:00	C		Closed

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Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Steel reinforcing cage was securely held in position throughout concrete placement operations.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was securely held in place throughout the concrete placement operations, and supported from the top.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Rebar cage held securely with platform prior and during concrete pour	Conformance	7/24/2020 12:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Steel reinforcing cage is being supported and held securely in position throughout the concrete placement operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM -06:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		503.18 in the specifications for drilled shafts states- "The steel reinforcing cage shall be securely held in position throughout the concrete placement operation. The reinforcing steel cage shall be supported from the top during the placement of the concrete to achieve the clearances shown on the plans. Setting the cage on the bottom of the hole will not be permitted. The support system shall be concentric to prevent racking and displacement of the	Close	7/15/2021 12:09:31 PM -06:00	Audit Comment	503.18 "acceptable feet made of plastic, or concrete (bottom supports) Shall be provided to ensure that the bottom of the cage is maintained at the proper distance above the base of the excavation unless the cage is suspended from a fixed base during	Closed



							<p>cage." The contractor did not support the cage from the top during the pour, although the reinforcing steel cage was technically not on the bottom due to boots being used on all the vertical bars. The contractor should adjust their process to include supporting the reinforcing steel cage from the top.</p>			<p>the concrete pour)" Bottom and top clearances are maintained by the submitted and approved plastic feet. Horizontal location is maintained with cage spacers. This method is also per our approved drilled shaft installation plan section 1.A.iv</p>		
Central 70	C 0704-241	Sign Structures	Signing & Striping	8/15/2019 4:19:57 PM - 06:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The reinforcing steel cage was not supported from the top during concrete placement.	The issue has been acknowledged and addressed.	8/22/2019 7:16:52 AM -06:00	Audit Comment	The shaft was placed with boots on the bottom to hold the cage off the bottom. The shaft orientation and steel is in the correct location. This is an administrative specification clarification.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Cage was installed and held up by drilling rig until cap was successfully installed.	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was not supported from the top and sank over 2". The IQC inspector (Diana Prado-Garzon) wrote an NCR for the settlement.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout concrete placement operations, and supported from the top.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The rebar cage was held throughout the concrete placement.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout concrete placement operations, and supported from the top.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed the length of the entire shaft, not exceeding 10' intervals.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The contractor placed the correct number of shaft spacers (plastic wheels) at the correct locations.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Shaft spacers and boots had the correct spacing and quantity.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed the length of the entire shaft, not exceeding 10' intervals.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spacers added as cage was lowered.	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping	8/15/2019 4:19:57 PM -06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Shaft spacers were placed according to specifications.	Conformance	8/15/2019 1:11:03 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM -06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The shaft spacers were installed according the specifications.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers are being utilized for the entire cage, including the bottom, not exceeding 10'.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed at the required uniform spacing.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signaling	Electrical		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spacers were installed on the reinforcing cage at the required intervals, horizontally and vertically.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		New concrete spacers have been submitted, reviewed, and approved by IQC and UPRR. Spacers were installed prior to placement of reinforcing cage.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		4 spacers in each area were used at a maximum distance less the 10' intervals vertically on the cage. see attached pictures.	Conformance	9/30/2020 10:17:25 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Approved concrete spacers are being installed to provide uniform spacing for the entire cage, not exceeding 10'.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is within conformance of the specifications set forth in Section 503.18, and special provisions.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is in conformance with the plans and specifications.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover was achieved and is compliant with the values shown in the specifications and plans.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Concrete cover is within conformance with the specifications and plans.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover was compliant with the table of Section 503.18.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Minimum concrete cover is compliant with values shown in the table of Section 503.18		The contractor met requirements for minimum concrete cover according to the table in Section 503.18.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with specifications.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with specifications.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage was installed immediately prior to placing concrete.	Conformance	1/6/2020 8:33:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		The steel reinforcing cage has been placed immediately prior to placing concrete.		The reinforcing cage was placed immediately prior to the concrete placement.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage was installed immediately prior to placing concrete.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage was placed immediately prior to concrete placement.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Steel reinforcement cages were placed immediately prior to concrete placement operations.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		Steel reinforcing cage was placed immediately prior to placement of concrete.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping	8/15/2019 4:19:57 PM - 06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The reinforcing steel cage was placed immediately before starting concrete placement.	Conformance	8/15/2019 1:11:03 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage placed and held in place	Conformance	10/22/2019 1:58:13 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage was installed immediately prior to placing concrete.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		concrete was place immediately after the cage was set in the drill shaft.	Conformance	9/30/2020 10:17:25 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Steel reinforcing cage is being placed immediately prior to placement of concrete.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL tubes have been installed at drilled shaft, have minimum cover of at least 3 inches and extend high enough above top of caisson.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL tubes have been installed per plan for drilled shaft.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL tubes have been installed at each drilled shaft, and have minimum required cover.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, which ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		See DVR_RFC BNSF Bridge_000_dgibbons_12 for reference to apparent discrepancy between plans and CDOT Specifications regarding the total number of CSL tubes required related to shaft diameter.	DVR_RFC BNSH Bridge_000_dgibbons_12 audit comment has been closed out.	1/15/2020 8:36:35 AM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, which ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		A total of seven (7) CSL tubes were installed in drilled shaft as approved in RFC plans.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, which ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		4 CSL tubes have been installed and equally spaced at 90 degrees for Shaft 7 at Abutment 1, which is a planned 42" Drilled Shaft.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed

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Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, whichever ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		Minimum of four (4) CSL tubes were installed for the 42" Drilled Shaft (Shaft C8 Abutment 3), and they were equally spaced around the perimeter at 90 degrees.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		CSL testing has been performed after minimum 48hrs after concrete placement, and must be completed within 20 calendar days.		CSL testing is scheduled to take place no earlier than 48 hours, and prior to 20 calendar days after placement.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Installed access tubes for CSL testing shall be schedule 40 steel and at least 1-1/2 inch inside diameter.		Installed CSL tubes are 2" nominal steel pipes (ASTM A53, Grade B), per plan and set forth in approved CSL Testing Procedure.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Installed access tubes for CSL testing shall be schedule 40 steel and at least 1-1/2 inch inside diameter.		Installed CSL tubes are 2" nominal steel pipes (ASTM A53, Grade B), per plan and set forth in approved CSL Testing Procedure.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Installed access tubes for CSL testing shall be schedule 40 steel and at least 1-1/2 inch inside diameter.		Installed CSL tubes are 2" nominal steel pipes (ASTM A53, Grade B), per plan and set forth in approved CSL Testing Procedure.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		CSL Access tubes installed have a round, regular inside diameter that is free of defects and obstructions. All pipe joints additionally are free of defects to ensure probes for testing will pass through entirety of tubes freely.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		CSL Access tubes installed have a round, regular inside diameter that is free of defects and obstructions. All pipe joints additionally are free of defects to ensure probes for testing will pass through entirety of tubes freely.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		CSL Access tubes installed have a round, regular inside diameter that is free of defects and obstructions. All pipe joints additionally are free of defects to ensure probes for testing will pass through entirety of tubes freely.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes installed are 2" nominal steel pipes (ASTM A53, Grade B) which are per plan and approved within RFC and CSL Testing Procedure Plans.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes installed are 2" nominal steel pipes (ASTM A53, Grade B) which are per plan and approved within RFC and CSL Testing Procedure Plans.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes installed are 2" nominal steel pipes (ASTM A53, Grade B) which are per plan and approved within RFC and CSL Testing Procedure Plans.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete used is a class BZ mix which has been reviewed and approved by IQC and UPRR for use.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The concrete was the approved BZ special mix design.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete used is a class BZ mix which has been reviewed and approved by IQC and BNSF for use.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ mix concrete used for caisson. Air content tested by PC, IQC and IQC testers.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ mix used	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Shaft was filled with BZ concrete and tested for air content by IQC	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete used is a class BZ mix which has been reviewed and approved by IQC and UPRR for use.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ Mix with a slump of 6-9" is being utilized for drilled shaft concrete.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ mix concrete used for caisson	Conformance	7/24/2020 12:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete being utilized is a Class BZ Mix which was been previously approved for use on the project by IQC. The concrete has an allowable 6-9" slump.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ Concrete mix has been reviewed and approved by IQC. Concrete has been tested and conforms to 6-9" slump.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ Mix was utilized for secant shaft concrete placement operations. Slump requirement of 6-9" is being met.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Concrete is being placed with a pump truck and tremie as required by the specifications.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Slurry is being utilized for drilled shaft operations, and a tremie is used for concrete placement.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Concrete is being placed with a tremie as polymer slurry is being used for drilled shaft operations.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Drilled shaft operation meets criteria for wet placement with slurry being used, and concrete is being placed with a tremie.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The concrete was placed with the tremie/wet process in Alridge's Drilled Shaft Installation Plan.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Drilled shaft operation meets criteria for wet placement with slurry being used, and concrete is being placed with a tremie.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM -07:00	If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Drilled shaft operation meets criteria for wet placement with slurry being used, and concrete is being placed with a tremie.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement cage did not exceed specifications for upward or downward.	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The cage dropped 1 1/4". Drilled shaft #P2-2.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel has not exceeded the upward or downward displacement tolerances. During the placement operations and throughout curing time, the cage is supported in place from the top of drilled shaft.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Checked by Kiewit IQC on site and verified.	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement, the drilled shaft steel has not exceeded upward or downward displacement outside of allowable range.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete pour cage did not "float" and was secured in place throughout pour	Conformance	7/24/2020 12:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement operations, the drilled shaft has not exceeded the upward or downward displacement tolerances (+2/ -6 inches).	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The drilled shaft steel reinforcing cage was sitting in boots on the bottom of the excavation and did not move downwards, and the upward excavation was less than two inches.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		I observed the pour and the tremie pipe remained submerged in the concrete at least five feet for the duration of the concrete pour.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The discharge end of the tremie remained submerged within the concrete a minimum of 5', and contains enough concrete to prevent any water/slurry from entering.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Throughout the concrete placement operations, the tremie remained submerged in the concrete at least five feet and the contained enough concrete to prevent any water or slurry from entering.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		No slurry was in place as dry shaft installation process was utilized, however, during concrete placement operations the tremie pipe was maintained submerged a minimum of 5 feet in the concrete.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Tremie pipe embedment remained submerged within concrete atleast 5 feet, and containing enough concrete to prevent water/slurry from entering.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Discharge end of tremie during concrete placement operations is maintained a minimum of 5 feet, averaging approximately 7 feet embedment.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The tremie pipe was submerged the appropriate depth.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Tremie pipe embedment remained submerged within concrete atleast 5 feet, and containing enough concrete to prevent water from entering.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed

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Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Throughout the concrete placement operations, the discharge end of the tube remained submerged in the concrete a minimum of 10', and the tremie contained enough concrete to prevent water from entering.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation from start to completion, and did not exceed to allowable time in the drilled shaft installation plan.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation, and did not exceed the allowable time.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was poured and completed in the same day.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete poured and finished in the same work day	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was poured and completed the same day as start.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement operations continue in one operation, not exceeding allowable time in the drilled shaft installation plan.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation, and did not exceed the allowable time.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was placed in one continuing operation.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement in continuing in as smooth an operation as can be performed, and did not exceed the allowable time in the secant shaft installation plan.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement proceeded in one continuous operation, not exceeding the allowable time in the approved drilled shaft installation plan.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one smooth operation, and did not exceed the time in the drilled shaft installation plan.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete placed without hitting sides of reinforcing cage or shaft hole.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	7/22/2019 1:48:19 PM - 06:00	Concrete is placed without hitting sides of reinforcing cage or holes.		I observed the concrete pour and the concrete did not hit the sides of the reinforcing cage or the sides of the excavation.	Conformance	7/22/2019 12:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete is being placed without hitting sides of reinforcing cage or shaft hole.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed using a concrete pump truck with a tremie, and was placed in the center of the shaft for the entirety of the shaft.	Conformance	8/8/2019 4:38:15 PM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting the sides of the reinforcing cage.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie pipe is utilized to the base of the drilled shaft to place concrete without hitting sides of reinforcing cage or hole.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie is supported during concrete placement operations to prevent from hitting sides of reinforcing cage.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete guide used during pour.	Conformance	10/29/2019 1:14:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete pour guide used	Conformance	10/29/2019 1:16:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete guide used for pouring concrete into drilled shaft.	Conformance	10/29/2019 1:15:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie pipe is utilized to the base of the drilled shaft to place concrete without hitting sides of reinforcing cage or hole.	Conformance	1/6/2020 8:33:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Cover		Concrete is placed without hitting sides of reinforcing cage or holes.		A tremie pipe guide at the top of the casing was used to ensure the tremie pipe did not come in contact with the reinforcing cage.	Conformance	11/16/2019 2:20:54 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie pipe is utilized to the base of the drilled shaft to place concrete without hitting sides of reinforcing cage or hole.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete is placed without hitting sides of reinforcing cage or holes.		Used a pump truck with tremie pipe and did not hit side of the cage,	Conformance	8/26/2019 12:58:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The concrete at the top of the shaft is properly cured.		Concrete at top of shaft is being properly cured. Blankets are being used to cover the top of shaft as a form of cold weather protection.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The concrete at the top of the shaft is properly cured.		The contractor placed curing blankets on top of the shaft after placement was finished and the laitance was removed.	Conformance	10/28/2019 4:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		Concrete at top of shaft is being properly cured.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The concrete at the top of the shaft is properly cured.		Concrete at top of shaft was overpoured approximately 3-3.5' above top of planned elevation to ensure sound concrete at top of shaft. Laitance and slurry was removed, and top 5' of shaft concrete was vibrated per approved process within drilled shaft installation plan.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Signaling	Electrical		The concrete at the top of the shaft is properly cured.		The concrete at the top of the shaft foundation is properly cured.	Conformance	10/26/2019 8:49:37 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Drilled shaft operations have been allowed minimum 24 hours of cure time to achieve 1800 psi prior to additional drilled operations continuing within 3 shaft diameters.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Recently drilled shafts were allowed to cure for a minimum of 24 hours and achieve 1800 psi prior to driving casing within 20 feet radius of shaft, and continuing drilled shaft operations within 3 shaft diameters.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Recently poured drilled shaft #26 at Pier 2 was allowed to set/ cure for at least 24 hours prior to any additional operations continuing within proximity.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	The drilled shaft meets the tolerances outlined in 503.20		The drilled shaft meets the tolerances outlined in 503.20.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft meets the tolerances outlined in 503.20		Drilled Shaft meeting the tolerances outlined in specification 503.20, and conforming with the special provisions.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Top of shaft is removed of all scum, laitance, and loose sediment, as well has high spots of concrete that would prevent conforming installation of rebar cage and completion of shaft.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Slurry and laitance has been removed and cleaned from top of shaft.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Top of shaft was cleaned up by removing all scum, excess concrete, and loose gravel/ sediment on the surface of the shaft, including any high spots that would prevent the correct elevation of the reinforcing steel.	Conformance	7/25/2019 11:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Slurry & water at the top of the shaft has been cleaned up during concrete placement, including removing all loose gravel and sediment and scum from the top that would prevent the correct installation of reinforcing steel.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	BNSF Structures	1/6/2020 4:57:15 PM - 07:00	For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Top of shaft was cleaned of all scum and laitance from polymer slurry used during drilling operations.	Conformance	1/6/2020 4:48:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		Projecting rebar is being cleaned of excess concrete splatter.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		Protective wrapping is being utilized for any projecting rebar to best protect from concrete splatter. Any additional cleaning is addressed once this wrapping is removed.	Conformance	5/23/2019 3:59:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the reinforcing steel is epoxy coated, was protected from damage and was free of any deleterious materials.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating was protected from damage and foreign debris for deck and diaphragm steel.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and is free of any deleterious materials.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel in the moment slab section was clean and protected from damage.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the reinforcing steel was clean and free of foreign substances by the time the placement occurred.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		None of the reinforcing steel is epoxy coated. This denoted by "N" in Detail B & E on plan sheet B050.142.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Reinforcing steel has been protected from damage and is free of foreign substance prior to installation within the shaft.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Most of the deck rebar and the epoxy coating were good, but the stirrups coming out of the deck were bent over and the epoxy on those were repaired. There was an issue with the cut epoxy bars where the manholes are located however and since the manhole frames were already installed, the repair on those bars was not 100% due to access issues.	The issue was acknowledged and addressed.	8/22/2019 7:17:44 AM -06:00	Audit Comment	PC and IQC have epoxy coating verification on the pre-pour checklists. We will reiterate the importance of inspecting all bar prior to placement.	Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel used in the bridge deck was clean and had no damage.	Conformance	4/24/2020 7:19:17 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The main reinforcing steel in the cap was not epoxy coated. Denoted by "N" on the plans.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was clean and free of foreign substances.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel used in the approach was stored on dunnage, was protected from damage and was free from any deleterious materials.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Reinforcement that is epoxy coated has been protected from damage at all times, and free from dirt and foreign material.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated reinforcing steel has been protected from damage at all times.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The epoxy coated rebar in the approach slab had no damage and was free of any deleterious materials.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy reinforcing steel and the epoxy itself has been protected, and is free from dirt and other foreign substance.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The placement areas was free of debris. The reinforcing steel was free of rust and foreign material.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and is free from deleterious substances.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the reinforcing steel and its epoxy coating were protected from damage at all times and is free from deleterious materials.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Rebar was clean and free of damage.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing was inspected by IQC prior to concrete placement.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved before concrete placement by IQC (Mahdi).	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by IQC (Sean Gilman) before concrete placement.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		All reinforcing steel was checked by IQC before the placement. I completed my inspection Wednesday afternoon before the placement Thursday morning at 7:00am. The total depth was found to be 1/4" out of tolerance (ACI 117). IQC rechecked the total depth of the cap to be in tolerance the morning of the placement.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was checked and approved by Tony Mcalpin and Sean Deller of IQC.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		This audit comment is being generated to note that missing rebar was brought to field personnel's attention by the Department after PC and IQC gave approval. Areas noted to be missing rebar were addressed and then reinspected again to ensure compliance prior to concrete placement.	Had discussions with PC on more oversight of reinforcement placement, and not relying on IQC to find missing or out of place reinforcement.	2/10/2020 3:37:53 PM -07:00	Audit Comment	Acknowledged	Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC has inspected and approved the reinforcement placement prior to concrete placement.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		A pre-inspection of the reinforcement cage was performed on 8/15/19 by IQC prior to continuation of formwork placement. A final inspection is still to be performed by IQC prior to concrete placement.	Closed	9/18/2019 7:56:43 AM -06:00	Audit Comment	The inspectors do a reinforcement check before the buttoning up of the forms so changes can be done while access is still good. Once the forms are done the reinforcement is looked at again when production is ready for concrete.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		I was out for the reinforcing steel inspection and IQC checked and approved it before concrete placement.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The inspection was completed by IQC inspector Anthony McAplin. Please see attached inspection.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		Please see the attached IQC inspection report.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was inspected and approved by IQC before concrete placement.	Conformance	4/24/2020 7:19:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved by IQC before concrete placement.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC prior to installation in the shaft, and concrete placement.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement for the first section of Wall 404-W3 Footing was inspected and approved by IQC prior to concrete placement operations.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and signed off on the Cap before concrete placement started.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC prior to shotcrete placement.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		NCR-1196 was fixed before the cages were set. From as-builts for the Pier 2 shafts, it was discovered that the drilled shaft projection rebar did not provide adequate clear cover to the outside of the column. The bars in question were cut off and new dowels were drilled and set using epoxy. Reference the attached NCR-1196 repair procedure. The column rebar cage was first inspected on Friday, July 5th. Reference comment #5 below. IQC was onsite on Sunday, July 7th to verify the placement of the form work around the rebar. Survey was onsite Monday, July 8th at 8:00 am to verify form placement before concrete arrived at 9:15 am. IQC made their final projection steel and clear cover verification right after survey.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		Both IQC and PC were onsite for the pre-pour inspection at 7:30am. Concrete arrived at 9:15am.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Two IQC representatives were on site and approved the reinforcing steel before concrete placement began.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was inspected and approved by IQC before concrete placement.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		the reinforcement cage was inspected by IQC and the field engineer prior to being placed.	Conformance	9/30/2020 10:17:25 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC prior to concrete placement.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement cage was inspected and approved before concrete placement by IQC.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved the reinforcing steel before concrete placement.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had a minimum of 2" cover.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement in compliance with minimum clear cover as noted in approved plans.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has clear cover of 2 inches.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel had a clear cover of 2 inches.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The reinforcing steel clear cover was measured for the top mat, sides, bottom mat and abutment steps. It was in conformance with the plans.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All clear cover for Columns P2-65, P2-66, P2-67 & P2-68 were in conformance with the plans and specifications.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		2" Clear Cover, as noted on the plan sheet and measured to front of horizontal bars was achieved.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		It was observed that all bars had at least 2 inches of clear cover on all sides.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had a clear cover of 2 inches unless otherwise noted on the plans.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing, including splices, has clear cover of at least 2 inches.	Conformance	4/24/2020 7:19:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All clear cover and placement depth were in conformance with the plans. NDC-00151 raised the beam seat elevations to 2" to get the required clear cover and the 5'3" minimum height for the cap.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		A restricted activity was held on the morning of July 9th. This would change the 3" clear cover on the plans to 2". Please see the attached documentation. The reinforcing steel was tied in accordance with the plans.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All installed reinforcement has clear cover of at least two inches.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Abutment reinforcement cage has minimum clear cover of 2 inches on all sides of abutment, except the bottom of cage where 3 inches cover is required.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Minimum required clear cover of 2 inches is being met where specified on the plans, as well as 3 inches where specified on the East and West edges of the pier cap.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel had a minimum clear cover of at least two inches.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover in all areas was verified to be at least 2 inches. Please reference the pictures in the attachment of comment #4.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has a clear cover of 2 inches.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has clear cover of 2 inches.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Clear cover was at least 2 inches.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Embedded bars were not field bent, and are installed per plan.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No embedded items or field bends were required.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No embedded bars were required with this placement.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		all of the partially imbedded bars were not field bent.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No embedded items were required.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Partially embeded bars are not field bent unless shown on the plans and are bent cold.		The drilled shafts were complete during the Swansea School spring break in March. The shafts were covered with #57 stone and paved over to open the road. The pavement was left in place until the summer work began. In process of removing the pavement and excavating out around the drilled shafts. The abutment #3 drilled shaft projection steel (A3-1 to A3-15) was bent. No bars were allowed to be bent back in place if the bend was larger than 30 degrees. No such bars were bent past with threshold. Please reference the attached photos.	Conformanc e	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Partially embeded bars are not field bent unless shown on the plans and are bent cold.		Partially embedded bars for 10M Bridge Rail and Sidewalk were not field bent.	Conformanc e	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade and size type as required on the plans. Additional haunch bars and 10M Bridge Rail reinforcement was added, however these additions were approved by EOR for use prior to deck placement.	Conformanc e	4/4/2020 3:55:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, and number of bars, location, spacing, etc. as required on the plans.	Conformance	3/13/2020 10:38:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All installed reinforcing steel matched the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		<p>The rebar was verified with plan sheet B050.122 and the "Rebar Shop Drawings Cover Abut 3 Cap Rev. 1". The plans required 5 abutment steps from shaft A3-12 (East Edge) to between shaft A3-15 & A3-16. The shop drawing sheet "RP-C1-03" required 4 abutment steps. I had a field discussion with the PC Inspector Phil Mazzarella. He was well aware of the issue and added a 5th step to comply with the plans. RFC-000069 was received on Wednesday, June 12th. The chamfer for the abutment steps was installed to ensure the appropriate bearing seat cross slope was attained for Girders W17-2, W18-2, G19-2, G20-2 & G212. A post pour inspection for the bearing seat cross slope will be conducted. The girder center line and block out locations were verified with survey during the morning inspection.</p>	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		IQC first inspected the rebar on Friday, July 5th. 60 ksi hoops were tied to the cages initially. The cages were re-tied on Saturday, July 6th using the required 75 ksi rebar hoops. All other dimensions, spacing & number of bars were in conformance with the plans & shop drawings.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All the reinforcing steel matched the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the required reinforcement per plan.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Please provide design verification to ensure this is adequate. The placement includes the closed stirrup and the 3 sets of U-bars. The upside-down U-bar were not included in the placement. Please reference the attached documents and pictures. The plans sheets required for this placement were still in preliminary approval in Aconex (NDC-000151).	1300 created	8/14/2019 12:47:28 PM -06:00	NC-2	NCR 1300 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Column C-5 of Cover pier 2 was tied. All of the bars were tied in conformance with the plans. 60ksi hoops were used instead of 75psi. 60ksi will be used on the Columbine Bridge Pier 2 Columns only. The columns are as follows: C3,C4,C5,C6,C7,C8, C9 & C10. Reference the attachment in comment #3 related to the change in rebar grade and additional hoop steel. Every 4th hoop will be bundled.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed reinforcing bars match the grade, size, type, number of bars, location and spacing as shown on the plans.	Conformance	4/24/2020 7:19:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed bars matched the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, number of bars, and spacing as required on approved plans. This comment is only being made to note that the bundled #11 inner bars to #9 outer bars does not appear to match what is provided and approved in the shop drawings. See attachments for differences between RFC plans and Shop Drawings regarding the bundled bars along the front face of the abutment.	Revision to Shop Drawings was made and submitted depicting the correct bundled bars layout, and providing proper layout for direction of bundled bars.	8/8/2019 2:13:22 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Key Note #1 on Sheet B110.113 states the "#6 [projecting vertical bars] at 1'-0" max. from each side of bottom flange of each girder. Displace at pile as necessary, cut vertical leg at girder." These vertical projecting bars were cut prior to survey marking centerline of girders. Verify this 1'-0" max. length from each side of girder will not be surpassed due to cutting prior to survey layout. Additionally, between Girders C & D, where utility conduit is to be located, will the cutting of projecting bars in this location mean the 1'-0" max. spacing be passed? Should the 1'-0" max spacing not be met, what is the repair procedure? Will splicing of #6 epoxy-coated rebar be allowed within the cap?	closed	9/18/2019 7:56:56 AM -06:00	Audit Comment	The projecting bar around the utility blockout will be adjusted to miss the blockout and maintain the spacing and the required clearance. According to the general notes splicing is allowed as long as the required splice is met for the size bar being spliced.	Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The reinforcing steel installed was of the correct grade, size, type, number, location and spacing as required on the plans.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All installed reinforcing steel match the grade, size, type, number of bars, location and spacing requirements as on the plans.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		[1]Installed bars match the grade, size type, number of bars, and spacing per plan. [2] Location and alternating of 2-#4 diagonal hook bars was brought up by Department Assessor to IQC prior to pier cap reinforcement placement. Bars were addressed to vertically alternate hooks within the wall portion per plan sheet B090.114.	Field Resolved Comment [2] with IQC Team.	2/24/2020 3:53:45 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Placement: Cover Pier 2 Cap, from column P2-24 to P2-28 (Plan Sheet B050.133 - B050.134 & B050.142).All of the bars included in the pier cap were in conformance with the plans.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated reinforcing steel was used as this is bridge barrier.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Column Pier Wall uses epoxy-coated reinforcing steel as will be adjacent to roadway.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM -06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Abutment projections within the diaphragm are epoxy-coated reinforcement as per plan.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The column steel for pier 2 will be behind precast wall panels. The splash zone will not affect the columns.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		This placement was a pier cap for Columbine Bridge. The pier cap is not exposed to the splash zone.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The columns will be behind precast walls panels. Epoxy coated rebar in not required.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All of the reinforcing steel in the abutment was epoxy coated. The drilled shaft projection steel was un-coated black steel which was called out on Plan Sheet B050.123 (Section C, denoted by "N").	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All reinforcing steel in the concrete barrier is epoxy coated.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated reinforcing steel was used in the moment slab.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are located as shown on the plans.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at correct locations as shown on the plans.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices were as shown on the plans.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All of the splices that were checked were in conformance with the plans and specs.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices for the drilled shaft projection steel and column cage matched the plans.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The longitudinal bar splices were in conformance with the plans and specs.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The only splice encountered was between the drilled shaft projection steel at the bottom of the column. This was conformance with the plans.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans.	Conformance	4/24/2020 7:19:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans, and in conformance with spacing defined in the specifications.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All reinforcing steel splices were at the locations indicated on the plans.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans, and are within conformance with the specifications.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at locations shown on the plans other than locations where the length was insufficient (bars coming from the existing phase approach slab). Approved bar couplers were used at these locations.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The adequate splice length was provided from the previous pier cap placement. Please reference the pictures in the attachment of comment #4.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at the locations shown on the plans.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splices were in conformance with the shop drawings and plan sheets.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices in adjacent lines of reinforcing bar are staggered and spaced at required lengths.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM -06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices in adjacent lines of reinforcing bars are staggered and spaced at the required length.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM - 06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All splices were located as shown on the plans.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The hoop steel lap splice were in conformance with plans.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices in adjacent lines of reinforcing are staggered so that the spacing does not exceed 9" as stated in Key Note #3 on Plan Sheet WS208.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The rebar hoops splices were staggered.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All splices were in conformance with the plans and shop drawings.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Reinforcement splices have been staggered and spaced at the required length for lapped splicing of bars.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		Number #14 & #18 bar were not used in this placement.	Conformance	6/14/2019 2:03:09 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		#14 or #18 rebar was not required in this placement.	Conformance	7/8/2019 11:48:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		#14 and #18 were not used in this installation.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		#14 and #18 bars were not included in the placement.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		All rebar chairs within the placement were epoxy coated.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Epoxy coated chairs were used to create the appropriate clear cover.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		All rebar supports were of the correct type.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		All rebar supports were epoxy coated.	Conformanc e	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocks utilized as rebar supports under the bottom mat of #8 black rebar.	Conformanc e	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		the bottom mat of rebar was black steel and was supported by pre-cast adobe blocks.	Conformanc e	3/12/2021 1:22:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		All chairs in contact with the forms were epoxy coated.	Conformanc e	7/8/2019 11:48:40 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Concrete blocks were used to support the bottom mat of steel. Epoxy coated steel chairs were used against the forms to maintain the clear cover throughout the placement.	Conformanc e	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Bars were supported off of the ground using precast concrete blocking.	Conformanc e	9/17/2019 9:38:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast blocking was used for rebar supports for the moment slab.	Conformanc e	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocking was used as reinforcing bar supports.	Conformanc e	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The rebar supports in contact with the forms were Type B plastic rebar chairs.	Conformanc e	12/28/2019 12:57:06 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precase concrete blocking was used to support rebar.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:14:47 PM - 06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		Bars were supported by several grout blocks, however after initial bucket of concrete was placed, the cage shifted under weight of concrete placement. Crews attempted to move bars back to original position, and were only partially successful. Proper clearance and spacing was maintained in collar.		9/16/2019 5:03:26 PM -06:00	Audit Comment	PC and IQC discussed these field concerns in the drainage task force meeting on Mondays at 10 AM	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The pier cap included #8 bars at 1ft on center along the cap center line (Plan Sheet B050.142). The crew decided to cast these bars in place instead of using the galvanized corrugated metal sleeve (General Note #8). There was no over head obstruction for the future girder set so the sleeve was not required.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars in the pier are protected from damage and displacement in the field.	Conformance	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to protect from field damage and displacement.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		No embedded bars were used during this placement. A 6" corrugated galvanized steel post tensioning duct block out was the only embedded item. Each block out was verified by survey to be at the center line of each girder.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars are adequately supported to best eliminate field damage and/or displacement.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		There were no embedded items.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All areas were tied appropriately.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The reinforcing was tied at alternating intersections in accordance with this specification.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at the correct frequency according to the spacing of the bars.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures	8/8/2019 7:18:38 AM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement tied at all intersections throughout the cage length.	Conformance	8/7/2019 7:38:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement tied at alternate intersections where spacing is less than 1 foot in all directions. Elsewhere, the abutment reinforcing cage is tied at all intersections.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All bar spacing was less than 12" in both directions, so the mats were tied at 50%.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		100% tie was required for this placement. Due to moving the rebar for block outs, some areas were less than a foot in each direction which would allow alternating intersections to be tied. The picture was taken 1.25 hours before placement. The attached image was consistent throughout the entire placement. The crew was able to tie the areas before concrete arrived. The reinforcing steel should have been tied appropriately throughout the rebar installation and not at the very end to allow a more thorough inspection.	Acceptable	7/11/2019 3:48:06 PM -06:00	Audit Comment	Acknowledged. PC and IQC will verify on the pre pour checklists when 100% tie is called out	Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The alternating intersections were tied throughout all of the cages. The spacing was smaller than 1 foot in each direction.	Conformance	7/8/2019 11:48:40 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcing was tied at every intersection.	Conformance	2/27/2020 6:46:56 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Since each stirrup was placed at 6" on center. Tying alternating intersections was adequate.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcing steel was tied according to specifications (every intersection).	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All of the steel was tied by hand.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All of the cages were tied by hand.	Conformance	7/8/2019 11:48:40 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM -06:00	Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All the reinforcing steel was tied by hand.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All the intersections were tied manually.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All tie wire was installed manually.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was not required.	Conformance	7/13/2019 1:08:20 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	7/24/2019 1:40:11 PM -06:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was not included in the placement.	Conformance	7/23/2019 3:52:36 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All epoxy coated bars were supported and tied using epoxy coated chairs and tie wire.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy supports and ties were used.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM -06:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		By visual inspection, all of the supports were epoxy coated. All of the tie wire was plastic coated.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Rebar supports being used are epoxy coated.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		The appropriate bars were epoxy coated and the rebar supports were plastic.	Conformanc e	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All bar supports are epoxy coated.	Conformanc e	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy supports and tie wire are being used.	Conformanc e	3/12/2021 1:16:02 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I did not observed any damage of the epoxy bars.	Conformanc e	3/12/2021 1:16:02 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All epoxy bars are free from damage as bars that were cut on site were repaired.	Conformanc e	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated rebar was free of damage. A future inspection will have to be conducted before the closure pour is completed.	Conformanc e	12/28/2019 12:57:06 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I observed no damage to the epoxy coating.	Conformanc e	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	BNSF Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Bars are free of damage to the epoxy coating.	Conformanc e	2/24/2020 3:43:18 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free of damage to the coating. Those in need of repair were done so in conformance, as noted in Requirement #10.	Conformanc e	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from any damaged to the coating.	Conformanc e	2/27/2020 6:46:56 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated bars are free from damage.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		By visual inspection, all epoxy coated items within the placement were free of damage.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/16/2019 4:10:25 PM - 06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		No damage to epoxy coating was observed.	Conformance	7/15/2019 9:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		There was no damaged epoxy on the chairs that were used.	Conformance	7/8/2019 11:48:40 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I saw no indication of damage to the epoxy bars.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	8/20/2019 7:22:00 AM - 06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage to the epoxy coating.	Conformance	8/19/2019 4:35:28 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM - 06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All damaged epoxy coated bars were repaired.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM - 06:00	Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		By visual inspection, no epoxy coated items were touching other steel items.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy coated bars were placed on plastic / epoxy coated supports.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		The epoxy coated items were tied to minimize the displacement and coming into contact with uncoated steel items.	Conformance	12/28/2019 12:57:06 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy bars were placed on coated steel supports.	Conformance	3/12/2021 1:16:02 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		The cut epoxy bars were repaired by an approved method and with a material from the approved products list.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Damaged epoxy coated bars were repaired with approved method using material from APL.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	6/17/2019 8:05:12 AM -06:00	Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		No damage was found on the epoxy coated bar so no repair was required.	Conformance	6/14/2019 2:03:10 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		There were no damaged epoxy bars that required a repair procedure.	Conformance	7/17/2019 10:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	8/13/2019 2:26:02 PM -06:00	Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		The slab bolsters for the bottom mat were placed at the correct frequency and spacing.	Conformance	8/9/2019 11:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		Supports for deck reinforcing was placed at maximum spacing of 4 feet on centers.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	2.2 Implementation and Monitoring of TCPs and MHTs		A Pre-Activity meeting was had held on Friday, June 7 at 4:00pm. Communication related to switch continued throughout the weekend. For future switches it is recommended to have an hour by hour plan with a point of no return.	Better switch hour by hour schedules need be developed.	12/11/2019 9:21:49 AM -07:00	Audit Comment	Going forward an hour by hour schedule with a point of no return will be developed for major switches.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	2.2.2 Process for Opening New MOT Phases or Stages to Traffic		IQC Safe to Open should have caught our issues. Including the barrier wall run which did not have an attenuator on it. IQC identified this after the road was opened. It should have been found prior to opening. Please reference the attached Safe to Open with comments.	Addressed through NCR 1151	4/20/2020 11:48:35 AM -06:00	NC-2	This issue will be resolved through NCR 1151	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	2.2.2 Process for Opening New MOT Phases or Stages to Traffic		No Safe to Open noted to be documented at the time of assessment. NCR Will be assessed if not reported within the allowable 24 hour timeframe.		10/10/2019 10:16:22 AM -06:00	Audit Comment	Kietrac was having difficulties syncing	Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removal per plan	Conformance	6/4/2020 7:42:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Removal limits match those shown in the plans at Columbine.	Conformance	7/27/2020 5:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	5/22/2019 4:39:12 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary Drainage Tie-In to existing drainage system does not follow temporary drainage plans. No plans show this connection from CBC to existing storm drain system being made. Plans show CBC connection to Temporary 78" RCP.	NCR 1052 Created.	6/7/2019 7:53:48 AM -06:00	NC-2	This issue will be resolved through NCR 1052	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	10/7/2019 4:06:40 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	10/7/2019 2:55:44 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		As barrier was shifted for a MOT phase change, the emergency pull offs have been maintained.	Conformance	6/2/2019 3:46:38 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/29/2019 3:06:02 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The inlet in this quadrant was not maintained to ensure the area would drain as a result the free right travel lane from NB Steele to EB 46th St was flooded and closed to vehicles. KMP should confirm that other locations on the project have the correct temporary drainage in place and add a check to the Safe to Open.	1080	6/26/2019 7:23:35 AM -06:00	NC-2	NCR 1080 Created	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/4/2019 9:10:36 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Last stick of barrier was not attached to the bridge deck and the remainder of the barrier sections need to have the pins verified. We are electing not to issue this as a NC-1 with the stipulation that it will be repaired by night shift of 06/03/19.	Resolved through NCR-1097	6/10/2019 7:37:56 AM -06:00	NC-2	This issue will be resolved through NCR-1097	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	4/15/2020 9:40:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices(LUS, SMVMS and DMS) installed installed on several structures between Havana and Peoria. Wiring pulled from devices into pull box at the base of the structure. All devices installed per plan sheets ITS-031 thru ITS-034 and ITS details(SSTR-58, SSTR-60 & SSTR-61).	Conformanc e	7/21/2020 1:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work was performed in accordance with plans and specifications.	Conformanc e	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Completed work on this wall is very good with a few minor exceptions that can be corrected. See below.	Close	12/11/2019 1:18:18 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All lighting foundations in area of S. Stapleton and Dahlia to Forest installed per CDOT standard specifications	Conformanc e	7/24/2020 3:26:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	8/14/2020 4:34:48 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Based on location of coping and sign foundation, either CIP wall or sign foundation is not in correct location, causing conflict between foundation and CIP coping.	See NCR 2201	11/18/2020 12:51:58 PM -07:00	NC-2	NCR 2201 was written to track this issue. In addition to the NCR a project wide quality alert was distributed discussing the importance of protecting finished work.	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/11/2019 3:35:26 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Construction materials and other objects are located in the temporary concrete barrier slide zone, not allowing the barrier to work as designed if it is struck by a vehicle.	The issue is being tracked by NCR 1112.	6/18/2019 6:46:48 AM -06:00	NC-2	This issue is being tracked via NCR 1112.	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/19/2019 9:11:57 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Greater than a 10" Drop-Off behind temporary barrier, and not enough clearance for deflection behind back of barrier wall at WB Brighton On-Ramp.	NCR 1169 Created.	6/24/2019 7:38:53 AM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:33:10 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The paving train included a steel drum roller. CCD does not allow steel treaded equipment to be moved long distances on concrete pavement without some form of protection to prevent damage to the pavement.		7/9/2019 1:48:34 PM -06:00	Audit Comment	KIC will continue to communicate to the crews that steel drum equipment needs to be transported not "roaded" on Concrete pavement.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:34:20 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		PCMS 1 displaying "Vasquez Ramp Closed - Use Exit 276B" was missing during the Steele / Vasquez WB Exit Ramp Closure as depicted on Sheet WMT-1069.	PCMS shall be in proper location depicting the correct message per the MOT Plan Sheet WMT-1069 to be in conformance .	6/17/2019 12:26:27 PM -06:00	Audit Comment	A PCMS will be placed on WB I70 prior to Colorado to be used with this closure	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:34:20 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All other detour signage per WMT-1069, for the detour of traffic around the WB Steele/ Vasquez Off Ramp, was in place as designed and shown on the plan sheet.	Conformance	6/11/2019 10:28:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/10/2019 2:18:43 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>Crews failed to install 6" of base underneath the pavement per the plans. The pavement was placed on dirt. (See Item 1 attachments)</p> <p>The Department has elected to issue this as an audit comment since IQC is planning to issue the NCR. Please response with the NCR number for this audit.</p>	NCR written	7/23/2019 12:33:53 PM -06:00	Audit Comment	NCR 1219 was issued by IQC	Closed
Central 70	C 0704-241	HMA	Roadway	7/10/2019 2:18:43 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>Crews failed to follow the pavement lifts specified on the plans (Attached is the plan & typical section sheet for this location). Crews installed two lifts of S100 instead of one lift of S100 & one lift of RBL.</p> <p>The Department has elected to issue this as an audit comment since IQC is planning to issue the NCR. Please response with the NCR number for this audit.</p>	NCR written	7/23/2019 12:33:56 PM -06:00	Audit Comment	NCR 1219 was issued by IQC	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/18/2019 3:28:08 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier run at east end had an end taper sharper than 10:1, not allowable by CDOT M&S Standards. CMT-1112 also details that temporary barrier is to run from WB Quebec On Ramp gore to first business access on N Stapleton. Barrier run was installed from west of WB Monaco Off Ramp Gore to first business access.	See NCR 1617	11/6/2019 1:12:46 PM -07:00	NC-1	NCR 1617	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	10/7/2019 4:07:00 PM -06:00	C		Closed
Central 70	C 0704-241	Removals	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removed per plan	Conformance	10/5/2020 6:42:47 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All poles and wiring installed as required by CDOT standard specifications	Conformance	7/24/2020 3:27:23 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork	8/28/2019 10:45:05 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sheet number WS101 shows the typical section of cast in place wall with limits of Class 1 Backfill extending 1'-6" beyond the edge of the footer and vertical from that point. Field observation on on 8/27/2019 observed Class 1 Backfill not to the end of the extents shown on the plans from the back face of the wall and natural material to the end of the footer being used in the place of Class 1 Backfill.	NCR created	9/18/2019 8:15:55 AM -06:00	NC-2	NCR 1405 written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Concrete Cure	Structures	7/31/2019 9:14:36 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During concrete placement operations at Colorado Pier #2 Cap, the hydration process was already beginning when the #8 Epoxy Coated Dowels were being wet stabbed into the concrete. These dowels were to be embedded 2'9" into the concrete. Approximately half of the projecting dowels in the cap were able to be wet stabbed to the proper embedment per plan. As dowels were continued to be placed it became more difficult to reach needed embedment. The crew utilized a T-Post Pounder to drive dowels the last couple inches to reach the planned embedment in the cap.	NCR 1350 was created to track this issue.	8/21/2019 12:13:15 PM -06:00	NC-2	ncr 1350 was written to track and close this issue	Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per plan	Conformance	6/4/2020 7:42:17 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Finishes	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Shoulder work meets lines and grades shown on the plans.	Conformance	1/15/2020 2:08:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removal conforms to plans	Conformance	2/4/2020 3:14:54 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		lights installed per plan	Conformance	4/9/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlights poles and wires installed per plansheet LI-019.	Conformance	6/22/2020 2:05:16 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The contractor cut level up concrete and precast concrete wall panels due to a grade issue, but performed the repair according to the submitted repair procedure. Expansion joint material was placed on all three sides of the top of the concrete panel and the panels were set.	Conformance	9/4/2019 2:18:43 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Existing pavement edge had chips and was uneven. After talking with paving superintendent, jointed area will be milled and another lift will be placed on top of jointed area prior to opening to traffic.		9/16/2019 5:13:22 PM -06:00	Audit Comment	Noted and communicated to IQC.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage	9/12/2019 4:17:22 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During installation of sanitary sewer line DWWMMD-SS-303.02, existing 36" RCP Storm Drainage that was detailed in plan sheets to be protected in place was removed. 18" HP pipe was used to replace existing pipe removed. The department has concerns with the capacity of the 18" pipe in a network designed for 36" capacity.	See NCR 1484	1/24/2020 3:45:25 PM -07:00	NC-2	NCR 1484 Was written to resolve this issue	Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal	8/13/2019 2:28:33 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Guardrail removal is being removed per the limits of reconstruction.	Conformance	8/8/2019 4:37:40 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Excavation was performed in accordance with plans and specifications.	Conformance	10/10/2019 10:54:04 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Progressing per the plans	Conformance	6/4/2020 7:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and materials furnished conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, show in the Contract.	Conformance	10/7/2019 4:07:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	10/7/2019 4:06:17 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	8/8/2019 7:17:58 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Insufficient projection of #11 & #5 reinforcement into Phase 1 Stage 2 Pier Construction at Colorado Pier Cap. Key Note #4 on Plan Sheet B110.116 calls out "Projection length of 8" Min. for #5 bars, and 1'-2" Min. for #11 bars for ZAP Screwlock Mechanical Couplers."	NCR 1352 Was Created to track this issue. (Correction from 1350)	8/21/2019 12:16:42 PM -06:00	NC-2	NCR 1350 was written to track this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	8/13/2019 2:25:15 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The expansion joint material is not being installed per the plans.	NCR written to resolve the issue.	8/23/2019 7:04:33 AM -06:00	NC-2	NCR 1308 has been written to resolve this issue	Closed
Central 70	C 0704-241	Subgrade	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed to materials, grade, cross sections and dimensions shown in contract.	Conformance	6/9/2020 11:03:59 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During excavation, slope was kept at the safety critical angle of 1.5:1.	Conformance	3/26/2020 8:04:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and material furnished conformed to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the contract. The coping appeared to be built to the lines and grades on site.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit and lighting installed per plan. Reference sheet LI-017 and LI-018.	Conformance	6/18/2020 6:20:22 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All lighting conduit was installed per plan sheet LI-013. Conduit was installed under sidewalk. Conduit installation began in April of 2020.	Conformance	11/9/2020 4:35:37 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		light poles installed per plan.	Conformance	4/9/2020 7:49:05 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	3/12/2021 1:16:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, material requirements, including tolerances, as shown in the contract.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Extra S bar was used to raise haunch bar. Expedited NCR 463 was issued after slip forming, to address process detailed in RFC 637.	Field Resolved	10/1/2020 10:36:31 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Poles and equipment installed per CDOT standards and specifications.	Conformance	6/18/2021 10:42:40 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removed per plan	Conformance	6/18/2020 10:19:12 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removed per plan	Conformance	6/18/2020 10:18:42 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	10/27/2020 1:23:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		poles installed per plan	Conformance	4/14/2020 12:20:19 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		all work installed per plan	Conformance	6/18/2020 10:19:35 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All poles and wire installed per plan and in accordance with all CDOT standards and specifications.	Conformance	6/25/2021 5:47:31 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	10/23/2019 3:00:49 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		PCCP constructed between stations 2364+15-2369+60 does not meet note 9 on Plan Sheet RDG-003, requiring "outside mainline shoulders shall include doweled transverse contraction joints."	1656	11/13/2019 11:06:39 AM -07:00	NC-2	NCR 1656 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/29/2019 9:23:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		A gap was noticed between the bottom panel and second panel at the 15th column from the east cast-in-place wall. Upon closer inspection it was noticed that there are bolts wedged in between the panels where they should not be and the second panel is resting on them. The bolts are causing a slight misalignment of the panel which has the potential to worsen as more earthwork is added above.	NCR written	11/20/2019 9:07:39 AM -07:00	NC-2	NCR 1717 was written to track this issue	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Excavation occurred to elevations and grades required for CIP wall.	Conformance	10/24/2019 10:24:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls	10/8/2019 4:36:37 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		NCR being generated to document to incorrect elevation between Wall 302-W2 and Monroe Bridge Deck / Diaphragm interface. Per BS087, the top of the Bridge Deck / Diaphragm is below the elevation/ location that should be met per this standard. See attached photo depicting top of deck and top of sidewalk in relation to the top of wall cap. It is assumed that this scenario will be encountered at additional abutment to wall caisson interfaces.	NCR 1652 Created to track this issue.	10/31/2019 7:28:14 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/6/2019 2:33:32 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Paving operations occurred in this area without submitting a TCR or Adhering to previously RFC plans.	See NCR 1467	10/4/2019 9:57:07 AM -06:00	NC-2	NCR 1467 was written to resolve this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:14:47 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Inlet to pipe opening was field cut to allow for pipe opening. PC has agreed to write an NCR on this issue, however if no NCR is written in a reasonable timeframe, Audit Comment will be changed to an NC.	See NCR 1483	9/27/2019 7:48:34 AM -06:00	Audit Comment	NCR 1483 has been written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	9/6/2019 3:30:49 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		At the slope north of the east bound off ramp, the plans (sheet CMT-1113) indicate that a concrete barrier should be in place during this phase of the work. Crews were observed trimming the slope without concrete barrier in place.	NCR created	9/18/2019 8:14:07 AM -06:00	NC-2	NCR-1446 created	Closed
Central 70	C 0704-241	HMA	Roadway	9/16/2019 8:46:35 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		6217 temporary pavement surface for mainline traffic is out of the smoothness requirement. 1/2" on 10' in multiple locations. Discussed in field with PC and IQC. To be addressed prior to switching traffic.	Remove and replace took place prior to NCR.	10/21/2019 8:50:18 AM -06:00	NC-2	The NCR was not written for this NC-2 due to CPCM, IQC, KMP and Management coming out and driving the area. The paving team milled and cut in tapers to address the straight edge issue immediately that shift and prior to the traffic being shifted.	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/12/2019 4:34:16 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CMT-1111 details that barrier wall is to be used on the left shoulder of the temporary detour. Asphalt curb was used instead of barrier.	See NCR 1593	11/22/2019 2:47:27 PM -07:00	NC-2	See NCR 1593	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:29:00 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		At approx. 8:45AM, crews moved barrier to close S Stapleton and Kearney. No MHT was approved for this closure.	See NCR 1494	9/17/2019 5:05:43 PM -06:00	NC-2	NCR-1494 created	Closed
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	8/23/2019 9:23:14 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary drainage plans show that a temporary channel is to be constructed along the outside shoulder of I-70. Due to the absence of this ditch, during a storm event, water was allowed to flow down the embankment slope of I-70 towards S Stapleton, creating runoff and sediment movement across S Stapleton.	See NCR 1478	10/11/2019 7:56:55 AM -06:00	NC-2	NCR 1478 was written to resolve this issue	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork	8/28/2019 10:44:28 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan Sheet DR-014 and W260-08 call for a 24 inch RCP storm line to be removed. After storm event 21 Aug, pipe was found under subgrade in W509-W1. This pipe was not removed, and work progressed over area where pipe currently exists.	See NCR 1402	12/20/2019 8:20:46 AM -07:00	NC-2	NCR 1402 was created to address this issue	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/28/2019 10:46:59 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CMT-1807 details that access ramps were to be paved onto the new detour pavement. As of 10AM 26 Aug, no access ramps were paved.	See NCR 1466	9/27/2019 8:16:08 AM -06:00	NC-2	NCR-1466 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary drainage was not installed as per plans prior to opening to traffic. As a result, striping at west end of intersection was moved in an attempt to move existing inlet out of wheel path. Moving of striping was not effective, inlet is still in wheel path.	See NCR 1459	10/11/2019 7:59:06 AM -06:00	NC-2	NCR-1459 created	Closed
Central 70	C 0704-241	HMA	Roadway	8/15/2019 4:21:15 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During paving operation a gap was left between the edge of pavement and barrier wall footing.		10/4/2019 3:08:03 PM -06:00	Audit Comment	KIC has walked this area with IQC the area will be remediated prior to second lift.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformed per plans to include excavation and removal of materials needed.	Conformance	11/11/2019 3:09:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>Backup panel detail on RECO shop drawings shows a 3/4" +/- 3/8" gap . The backup panel in the field is touching the next panel with no gap present.</p> <p>Field meeting held 09/25/2020, present were Emily Koenigs (KIC), Breck Cabot (IQC), Zach Gill & Tyler Stone (QCAT). PC is electing to set the next row of panels and after the wall has finished moving, they will assess the gap and address on the punch list.</p>	Field Resolved	6/26/2020 12:51:17 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/17/2019 3:01:22 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary concrete barrier shown on TCR-0004 EMT-1143.1 protecting travelling public from Peoria bridge demo area is not installed.	Verified NCR 1515 was written for this issue.	4/13/2020 2:14:31 PM -06:00	NC-2	NCR-1515 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures	9/17/2019 8:33:58 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Surface cracking on the top flanges of girders at Monroe Bridge have been observed. Defects should be addressed in accordance with the allowable specifications. The definition of a structural defect is defined in Spec 618.13(b) – Defects that extend beyond the centerline of any reinforcing steel or into any element of the tensioning system are classified as structural defects. Such defects also include cracks, spalls, honeycombed areas, voided areas, significant concrete breakage areas, cold joints, and segregated concrete areas. This was previously brought to the attention of the Developer on 8/29/19. The Department requests a meeting to determine plan moving forward, and to be on the same page.		10/3/2019 12:57:05 PM -06:00	NC-2	NCR 1518 was issued. A meeting was also held on Sept 19th to discuss these issues and Plum Creek repair procedures.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/19/2019 10:08:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barriers at the East and West approaches of the WB I70 bridge over Holly were pinned using anchorage method approved for use on concrete. Barriers were placed and pinned over asphalt, which submittal in Aconex did not detail.		10/21/2019 7:31:58 AM -06:00	NC-1	This issue was responded to in the Whats APP. On 9/19/19 the Department granted permission to remediate the barrier pinning at Holly, Monaco and Dahlia. The work was completed during the full closure weekend of September 20th through September 22nd 2019	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/23/2019 1:08:01 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		This noncomformance is only being generated to ensure that the drainage inlets installed at the WB Brighton On-Ramp are at the proper elevations. Survey marks on top of structures currently depict a Fill of 0.1 to top of PCCP pavement. Should these inlets not be above the PCCP, resulting in a cut to top of new pavement? Please see attached photo depicting top of PCCP almost slightly above inlet top.	NCR 1514 created to track this issue.	10/16/2019 8:36:39 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	10/2/2019 4:04:12 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		FDC-000171 was submitted on 9-23-19. Drainage inlet was installed without approved plans on 9-11-19 prior to the FDC being submitted to Department.		10/28/2019 10:10:28 AM -06:00	NC-2	NCR 1636 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	9/27/2019 8:36:43 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was observed at 10:00 am that the orientation of the underdrain slots were incorrect according to the submittal. Matt Redmond of PC was quickly notified and he fixed the remaining areas that were exposed headed West towards the Columbine Bridge (Approximately 200ft). Preston of IQC was also notified. We had a meeting at 12:01 pm with appropriate individuals at the Cover Abutment 3 to pothole the underdrain pipe runs in question. The underdrain orientation that was exposed was found to be incorrect. The rest of the underdrain between Clayton and Columbine will be potholed to check orientation besides the last 200 ft running into Columbine Bridge.	1537 was created.	10/21/2019 8:27:04 AM -06:00	NC-2	NCR 1537 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork	9/30/2019 3:27:57 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per the 203 Specifications, "During the course of construction, embankment side slopes shall be built a minimum of 12 inches wider than the final grade indicated in the Contract to allow for compaction equipment to compact the full width of the embankment." Side Slope embankment was not graded a minimum of 12 inches wider than final grade needed. Excess material stockpile was not removed within the vicinity of paving.	Grading/Paving was wider than required after staking/GPS was shown in the field.	10/21/2019 8:46:07 AM -06:00	Audit Comment	The excess material will be cut to final grade at a later date due to phasing at Brighton.	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lines and grades in plans were followed.	Conformance	4/2/2020 6:52:08 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary barrier placed per plan.	Conformance	11/13/2019 2:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities	11/18/2019 1:02:21 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		South end Cathodic protection was not completed prior to paving Columbine. Denver Water Specs require a solid wire from anode to testing port (no splicing allowed). The repair will require re-excavation from anode to testing port.	1744 written	12/2/2019 8:35:54 AM -07:00	NC-2	NCR 1744 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Reinforced Concrete Pipe (Spec 706.02)		The pipe placed is in conformance with the plans and specs.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Gaskets (Spec 705.03)		The gasket placed is in conformance with the plans and specs.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Rubber gasketed joints conform to the requirements of ASTM C443? (Spec Subsection 705.03 Special Provision)		Gasket meets ASTM C443.	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey observed was properly staked.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Inlet was staked to plans.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		All survey stakes matched plan sheets.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber Gaskets were installed at the ends of pipes.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber Gaskets were observed being installed on pipes	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were installed on pipes.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Conformance	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were installed in pipe.	Conformance	3/30/2020 4:40:00 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Gaskets were installed at each joint.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were installed on all pipes.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Utilities were located.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Underground utilities were located and monitored by third party locator until operation had left area.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Utilities were marked and located prior to installation of drainage.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Utilities were located.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Utility conflicts resolved	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Underground utilities were located.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed compacted	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly excavated to grade.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Trench bed has been properly graded and compacted		pipe was properly bedded	Conformance	6/20/2019 3:36:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Proper bedding achieved	Conformance	12/3/2020 9:05:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Trench bed has been properly graded and compacted		The trench was excavated to the appropriate depth. The native ground was undisturbed.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rock encountered during trenching has been removed to 12" below grade.		No rock was encountered during trenching.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Trench alignment is per plan	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Alignment and elevation of trench matches the plans and specifications		The crew was using a pipe laser to place the pipe. Survey was onsite to verify the 8th and 9th pipe was placed correctly. Every 3rd pipe that was placed was as-built.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The pipe bedding (3" in soil) was verified. Please see the attached picture.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate for size of pipe.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate for pipe size.	Conformance	8/16/2019 9:27:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate for pipe.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were appropriate for pipe size.	Conformance	8/16/2019 9:29:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench met width and depth dimensions necessary.	Conformance	8/14/2019 6:40:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width and depth were in compliance with Plans and Specifications.	Conformance	8/13/2019 3:04:12 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Width and depth of trench per spec	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions conformed to work.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width was at least 18 inches from edge of pipe.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width met criteria.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 bedding was used per M&S Standards.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Check the type and depth of bedding for conformance with M&S Standards.		Conformance	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		6" of bedding was placed on bottom of pipe to CCD specifications, and bedding extended to pipe springline.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding is Class 1 Backfill	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Check the type and depth of bedding for conformance with M&S Standards.		correct bedding material used	Conformance	3/19/2020 4:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 material was placed at an acceptable depth.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding material was placed 6 inches below bottom of pipe.	Conformance	8/14/2019 6:40:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding was installed at depth required as per CCD Specifications.	Conformance	8/16/2019 9:29:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding was installed in accordance with CCD Specifications.	Conformance	8/16/2019 9:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding was placed to proper depth.	Conformance	8/15/2019 9:31:44 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding material was placed at depth required in CCD Specifications.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding was placed to at least springline of pipe.	Conformance	8/19/2019 8:31:36 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/6/2019 2:32:42 PM -06:00	Check the type and depth of bedding for conformance with M&S Standards.		Bedding material for CDOT pipe in soil is noted to be class 1 or class 2 bedding material in CDOT M-603-2. 67 stone was used to bed pipe, conforming to CCD specifications, but not CDOT standards.	See NCR 1477	9/27/2019 7:51:16 AM -06:00	NC-2	NCR 1477 was written to track bedding concerns on M-603-2	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM -07:00	Check the type and depth of bedding for conformance with M&S Standards.		Class 1 material was used for bedding. The depth was verified (Comment #6). All materials used were in conformance with the M&S standards (M206-1 & M603-2)	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bedding for Concrete or Clay Conduit		Bedding per spec	Conformance	1/15/2020 1:48:06 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bedding for Concrete or Clay Conduit		Bedding conformed to specifications.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe class and size matched plan sheets.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed matched plan sheets.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM -06:00	Pipe matches the class, size and type shown on the plans.		29x45	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed matched pipe called out on plans.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Pipe matches the class, size and type shown on the plans.		Correct pipe placed, per plan	Conformance	6/20/2019 3:36:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched plans.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed matched plan sheets.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM -07:00	Pipe matches the class, size and type shown on the plans.		The pipe matches the class, size and type shown on the plans.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Proper pipe installed	Conformance	12/3/2020 9:05:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		Damaged pipe was rejected by foreman.	Conformance	8/16/2019 9:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No pipe was damaged during installation.	Conformance	8/16/2019 9:29:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		From visual inspection, no pipe was found to be damaged.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damaged pipe was used.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damaged pipe was used.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damaged pipe was used.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No pipe damage was observed during installation.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damaged pipe was installed.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Pipe run P-MH-70W2334 was laid prior to being connected to the box. After crews installed the box it was discovered the pipe run was slightly off on alignment. As a result crews cut pipe and poured a concrete collar. The location of the collar was close enough to the box that the collar for the pipe penetration into the box and the pipe to pipe collar were one. (Attached are photos. In the photo showing the collar the skewed pipe is not visible it is encased in the large concrete collar.) The crews used a collar detail which was not specified for this location. Attached is a copy of the plan sheet they used.	NCR written	7/23/2019 12:20:27 PM -06:00	NC-2	This issue will be addressed in NCR 1212	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench appeared correct and survey was checked before backfill	Conformance	6/20/2019 3:36:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench bed was proper dimensions.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		The trench was correctly aligned and was the proper width for the operation. Please reference the attachment for photos.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Pipe placement begun at downstream end?		The pipe was installed starting the the downstream end. Please see attached photos in Comment #12.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/16/2019 9:27:53 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/16/2019 9:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream inlet.	Conformance	8/14/2019 6:40:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began downstream.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/15/2019 9:31:44 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	8/20/2019 7:15:23 AM -06:00	Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/19/2019 8:33:27 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began 2 sticks upstream from downstream end, allowing room to place manhole and manhole to pipe connection.	Conformance	8/12/2019 11:32:52 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/13/2019 3:04:12 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe bedding was entirely in contact with pipe.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was in contact with bedding at springline.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM -06:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Conformance	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Bedding material was placed to at least springline of pipe. Pipe length was in complete contact with bedding material.	Conformance	8/13/2019 3:04:12 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was in contact with bedding material. Bedding material was placed to at least spring line.	Conformance	8/12/2019 11:32:52 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in bedding.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/16/2019 4:04:46 PM -06:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe was checked for complete contact with bedding material.	Conformance	7/15/2019 12:29:50 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	8/20/2019 7:15:23 AM -06:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	8/19/2019 8:33:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was resting in contact with pipe.	Conformance	8/15/2019 9:31:44 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Bedding material was placed in complete contact with length of pipe at minimum height of pipe springline.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Bedding was in complete contact with pipe for entire length and to at least springline of pipe.	Conformance	8/16/2019 9:29:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in bedding material. Bedding material was placed to at least springline of pipe.	Conformance	8/16/2019 9:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was resting in bedding material. Bedding material was placed to at least springline of pipe.	Conformance	8/16/2019 9:27:53 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was in contact with bedding material.	Conformance	8/14/2019 6:40:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		The entire pipe rests in contact with the bedding.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	8/20/2019 7:15:23 AM - 06:00	Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	8/19/2019 8:33:27 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/16/2019 4:04:46 PM - 06:00	Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell of pipe was placed at upstream ends.	Conformance	7/15/2019 12:29:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Grooved end of pipe was placed upstream.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		The pipe bell was placed upstream.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed on the upstream end.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM -06:00	Ensure that all lift holes are properly plugged.		lifting holes being grouted	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		No pipe was damaged.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		Pipe was not damaged during installation.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM -07:00	Damage or displacement to pipe or structure corrected before backfill		No displacement of the pipe was observed during the installation.	Conformance	11/15/2019 11:22:54 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		The class 1 material was placed and compacted simultaneously on each side of the pipe. The backfill material was placed in one lift to the spring line of the pipe (18" to the spring line).	NCR 1734 was written	12/30/2019 8:50:44 AM -07:00	NC-2	NCR 1734 was written to track this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was placed simultaneously on both sides of pipe in proper lift thickness.	Conformance	8/15/2019 9:30:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		backfilled correctly	Conformance	12/3/2020 9:05:02 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Class 1 material was placed on both sides of pipe in proper lift thickness. Backfill on top of pipe was placed in acceptable lift thicknesses and compacted with sheepsfoot wheel roller attachment from excavator.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was placed in 6 inch lifts on either side of pipe and compacted.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was placed on both sides of pipe at acceptable thickness.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was achieved. PC tested bedding and backfill, and achieved passing tests.	Conformance	3/30/2020 4:40:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		PC and/or IQC achieved passing density tests on backfill.	Conformance	6/24/2020 9:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/16/2019 4:04:46 PM - 06:00	Required compaction obtained prior to placing successive layers		No compaction was observed after first lift of backfill was placed on pipe. After meeting with IQC/PC compaction results were obtained, proper compaction was achieved.	Meeting with IQC	7/26/2019 5:40:58 PM -06:00	Audit Comment	IQC, PC and The Department held a meeting to discuss the means and methods of utilizing the wheel compactor on a track hoe. The 1st foot over the pipe does not receive compaction effort to protect the pipe. after one foot to 18 inches placed and compacted the material is dug back down to 6 inches above the pipe and tested. IQC and PC have passing tests on all lifts of material placed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		PC and IQC achieved passing tests at the required frequencies. The next lift was not placed until PC and/or IQC had tested material.	Conformance	12/12/2019 1:22:04 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was tested and achieved in each layer.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Required compaction obtained prior to placing successive layers		Compaction requirements met	Conformance	3/19/2020 4:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		PC and/or IQC achieved passing density tests on backfill.	Conformance	2/17/2020 8:59:34 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Required compaction obtained prior to placing successive layers		per IQC, all backfill achieved proper compaction	Conformance	6/20/2019 3:36:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was observed on lifts, a passing compaction test was achieved by IQC.	Conformance	8/15/2019 9:31:44 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Lifts were compacted with pneumatic wheeled equipment. IQC and PC achieved passing compaction tests prior to next lift.	Conformance	8/16/2019 9:29:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	8/20/2019 7:15:23 AM -06:00	Required compaction obtained prior to placing successive layers		Compaction efforts were observed. PC achieved a passing compaction test.	Conformance	8/19/2019 8:33:27 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was observed at each lift, IQC and PC achieved passing compaction tests.	Conformance	8/19/2019 8:31:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was observed, a passing compaction test was achieved by IQC.	Conformance	8/14/2019 6:40:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was observed, a passing compaction test was achieved by IQC before next lift began.	Conformance	8/14/2019 6:41:21 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/6/2019 9:00:42 AM - 07:00	Required compaction obtained prior to placing successive layers		The class 1 backfill on each side of the pipe was compact in one lift. Reference comment #17.	NCR 1734 was written	12/30/2019 8:50:48 AM -07:00	Audit Comment	See NCR 1734.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		In-place pipe checked for damage prior to backfilling and again before accepting project		No damage was observed to pipes prior to backfill.	Conformance	8/19/2019 8:31:36 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	In-place pipe checked for damage prior to backfilling and again before accepting project		Crew was observed pushing on the top of the pipe with knuckle of the excavator to make small adjustments of the pipe. After bringing this up to IQC & the foreman a 4x4 was placed between the pipe and the knuckle of the excavator to protect the pipe from damage.		7/23/2019 12:21:53 PM -06:00	Audit Comment	Mike Day with the drainage team will address using "softeners" such as a 4x4 to eliminate the risk of damage to the pipe.	Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	When material becomes saturated due to poor surface drainage, it must be dried.		IQC was on site to ensure proper moisture in embankment. Unsuitable material was removed from site.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		The communication line in the area was marked.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located, and locate stakes were preserved throughout excavation.	Conformance	10/24/2019 10:24:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located, and locate stakes were preserved through excavation.	Conformance	3/17/2020 12:34:23 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Location of utilities was established prior to any sawcutting and removal/excavation of existing PCCP pavement. Area to be excavated was for installation of new 20" Gas Line, followed by new PCCP.	Conformance	9/20/2019 9:49:07 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		BMPs installed prior to work	Conformance	6/4/2020 7:40:59 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM -06:00	Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Trucks entered and exited the work area utilized the tracking pads before entering the roadway. Water trucks drove through the excavation periodically to minimize the dust impact from trucking.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Applicable environmental BMPs were in place prior to SOE activities commencing.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		BMPs were set and maintained throughout excavation.	Conformance	3/17/2020 12:34:23 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Review the types of excavation that will be required for the project		Soil Nail Wall to be utilized at this location for SOE due to the need of phasing.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Review the types of excavation that will be required for the project		Under spec 203.2, excavation will be considered "Borrow". The material is being removed outside the existing right of way and used as embankment was the EB Peoria Off Ramp & Bridge.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Become familiar with the typical sections of the Contract Plans.		The excavation has progressed in accordance with "Phase 2 Mass and Bench Excavation Below/Adjacent to Existing Viaduct". Observation will continue as the excavation/shoring progress underneath the viaduct.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Pay particular attention to required treatments for steep slopes and transition areas		The slopes of the excavation were 2H:1V as shown on the Phase 2 plans. The current work area is a safety concern. The slopes were vertical with a depth of 8 to 10 feet. Reference the attached photos.		6/26/2019 7:22:02 AM -06:00	Audit Comment	After discussion with the grading group. The slope will be cut to a 2:1 slope when the excavation is finalized. The area is monitored daily.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Pay particular attention to required treatments for steep slopes and transition areas		Safety critical slope angles were maintained during excavation.	Conformance	10/10/2019 10:54:04 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that slope stakes are properly set		All survey was set for top back of curb, and verified through as built surveys.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Verify that slope stakes are properly set		Survey was located on site.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Observe the area for unsuitable material and wet spots.		Unsuitable material was removed from this location.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		Area was observed and no unsuitable material or wet spots were noticed.	Conformance	11/8/2019 8:51:01 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the area for unsuitable material and wet spots.		Unsuitable material was removed, and wet spots were reworked.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the area for unsuitable material and wet spots.		Unsuitable material was removed, and new material was placed.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Observe the area for unsuitable material and wet spots.		No unsuitable material was witnessed. The soil is free draining and no wet spots were found.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify removal or treatment based on the direction given by the Project Engineer.		Removal limits were established as needed for the area to be removed, and where future work would be performed with PCCP paving at new grade.	Conformance	9/20/2019 9:49:07 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Document the locations, quantities, and disposition of materials and treatments.		Materials were removed from the North side of the Cover at Columbine St and dumped at the EB Peoria Off ramp.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Be alert to any condition that could indicate a possible slide area		Steep/Vertical slopes were observed during the excavation. As the condition changes, the appropriate benching should take place.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Make certain the Contractor preserves slope stakes and control point references during the operation		Edge of excavation stakes were found 20 feet from the West Bookend. This was represented with blue painted stakes.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Stakes were not provided for the gas line work. As work proceeds, survey will be established for subgrade, base, etc. elevations, and where cut/fill is needed for new final grade.	Conformance	9/20/2019 9:49:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Control point references were maintained through excavation	Conformance	10/24/2019 10:24:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	10/24/2019 10:24:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	10/24/2019 10:24:54 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Verify that the site has been properly cleared and grubbed		Please review sheets 3-5 of the attachment. At the beginning of the ditch grading, further removal of wooden debris, stumps and topsoil need to be removed. This is listed as an audit comments, because further work is required in this area.	debris to be removed as needed	5/31/2020 3:48:56 PM -06:00	Audit Comment	During additional construction activities the Debris will be evaluated and removed as needed.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	3/17/2020 12:34:23 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	1/6/2020 3:21:59 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Topsoil and organics were removed during excavation.	Conformance	10/10/2019 10:54:04 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Conformance	Conformance	6/4/2020 7:40:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	6/8/2020 6:39:24 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed prior to excavation.	Conformance	3/26/2020 8:04:59 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM -06:00	Verify that the site has been properly cleared and grubbed		The top 1 ft of topsoil was removed Saturday, June 1st.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grub for soil nail wall operations to begin.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM -07:00	Verify that the site has been properly cleared and grubbed		Area was cleared and grubbed, and the cleared earth was placed close to the work site but some of that material was inadvertently used to create a haul road and some of that material appears to have been incorporated into the common embankment.	Close	12/11/2019 1:19:09 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM -06:00	Observe and report noticeable changes in excavated material with regard to type, texture, and color.		No change in soil material was observed. Observation will continue until the excavation is complete.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	All excavation activities in areas where asbestos is encountered or expected to be encountered shall conform to...		All asbestos laden material was removed late summer/ early fall of 2018 before the installation of the Swansea noise wall. Observation will continue as the removals progress North along Columbine past the noise walls.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		Organics are present in the fill at the west end of the wall in the embankment behind the reinforced zone and at the front face on the west end.	Material containing organics has been removed to the top of the leveling pad per typical section wall plan.	12/11/2019 1:17:38 PM -07:00	NC-2		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Watch for encounters with materials that could be used elsewhere (e.g., topsoil, riprap).		No change in soil material was observed. Observation will continue until the excavation is complete	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork	6/5/2019 4:34:39 PM - 06:00	Overburden shall be removed to the depth required for the production of acceptable material, and at least 5 feet beyond are being excavated. Where topsoil stripping is specified, ensure that topsoil is properly salvaged (see Section 207)		All asbestos laden material was removed late summer/ early fall of 2018 before the installation of the Swansea noise wall. Observation will continue as the removals progress North along Columbine past the noise walls.	Conformance	6/4/2019 11:17:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Overburden shall be removed to the depth required for the production of acceptable material, and at least 5 feet beyond are being excavated. Where topsoil stripping is specified, ensure that topsoil is properly salvaged (see Section 207)		Excavation of overburden existing material between shoring/ lagging of SY-418 and existing 112 began on 5/13/19. Top 2' of contaminated material being removed along SY-418 material down to existing UPRR bridge deck. This material is being taken to waste.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Verify ditch construction (e.g., typical sections, staking, natural drainage, interceptor ditches at tops of cuts).		Ditches appear to be cut to plan grades.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Offsite drainage created a washout from a property to the east. This drainage needs to be reviewed and addressed via a ditch design.	Offsite ditch was ripped and controlled	5/31/2020 3:48:31 PM -06:00	Audit Comment	The drainage concern has been addressed with new design 21430WDR_PLAN-DR-075B	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Embankment was properly graded to not hold moisture, and protected from elements by use of blankets prior to placement of curb and gutter.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		The material was free of organics and was uniform.	Conformance	8/25/2020 9:25:55 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was constructed free of organic and frozen material.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Roadway embankment was free of organic and frozen materials. Cement treatment was applied to the top foot, and was thoroughly mixed throughout subgrade.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was free of organic and frozen materials.	Conformance	6/8/2020 6:39:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material placed was free of organics.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork	7/23/2019 11:15:00 AM -06:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment contains organic materials. After meeting with IQC, it has been determined that material in embankment is temporary, IQC will monitor and ensure temporary material is completely removed, appropriate embankment material is placed according to specifications.	item addressed	6/3/2021 2:57:28 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		embankment material was free of organics.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material placed was free of organic and frozen material.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Subgrade was free of frozen and organic materials.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material placed was free of organics and frozen material.	Conformance	1/6/2020 3:21:59 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic material was present in subgrade.	Conformance	4/2/2020 6:52:08 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No frozen material was used.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was maintained free of organic and frozen materials.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/29/2019 8:48:33 AM -06:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Rock, sticks, and roots are visibly noticeable in fill material.		10/4/2019 3:04:55 PM -06:00	NC-2	NCR 1423 was written to resolve issues in the type 7 locations.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Large rocks were removed.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Large rocks and other chunks were removed.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		After discussion with IQC and PC, asphalt chunks were removed from outside of the roadway prism.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork	7/23/2019 11:15:00 AM -06:00	Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Concrete chunks over 24" found in embankment material, see item 1 for IQC response and monitoring.	item addressed	6/3/2021 2:57:26 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large rocks, or chunks or asphalt/concrete were found in embankment.	Conformance	6/8/2020 6:39:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Large rock and asphalt chunks were removed from subgrade.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Rocks and other large pieces of waste material were separated and removed from backfill.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large materials were found in grade.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform 6 inch lifts, and compacted with plate tampers.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform lifts of 6-8 inches loose were placed and compacted.	Conformance	6/8/2020 6:39:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Material was placed in uniform horizontal lifts of acceptable thickness.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform 6" lifts.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Fill was placed in adequate lifts.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform horizontal lifts and did not exceed 6" compacted lifts.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment was placed in uniform lifts.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts of proper size were used.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in a 6" lift throughout excavated area.	Conformance	11/8/2019 8:51:01 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform lifts of less than 6" were used to place Class 6.	Conformance	4/2/2020 6:52:08 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform lift and did not exceed allowable maximum thickness.	Conformance	1/6/2020 3:21:59 PM -07:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM -06:00	Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment was placed in uniform horizontal lifts.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM -06:00	Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Density tests were performed via IQC.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Grade was compacted.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Compaction was completed in accordance with the specification.	Conformance	8/25/2020 9:25:55 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		IQC and PC achieved passing density tests on sidewalk and curb and gutter subgrade.	Conformance	1/13/2020 1:33:10 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Moisture content and density were monitored frequently by PC, and IQC achieved passing density tests at required intervals.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Passing densities were achieved. PC and IQC tested embankment.	Conformance	6/8/2020 6:39:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was performed uniformly. Moisture content and densities were achieved.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork	7/23/2019 11:15:00 AM -06:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		No compaction was observed. See item 1 for IQC response and monitoring.	item addressed	6/3/2021 2:57:21 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		IQC was present during compaction efforts.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Embankment material was compacted and all moisture and density tests taken were within target.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM -06:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction was performed in a uniform fashion.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operations were adequate. PC and IQC achieved passing density tests.	Conformance	4/2/2020 6:52:08 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was done uniformly, moisture and target density were achieved.	Conformance	11/8/2019 8:51:01 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		IQC and PC tested embankment multiple times, achieving passing tests prior to adding new material.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was completed within acceptable moisture content to target density.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/29/2019 8:48:33 AM - 06:00	Observe the compaction operation for uniformity with respect to moisture content and target density.		Fill appears to be dry and uncompacted in several locations.		10/4/2019 3:04:58 PM -06:00	NC-2	NCR 1423 was written to resolve issues in the type 7 locations.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Monitor the operation of specialized compaction equipment for compliance.		Proper equipment was used.	Conformance	4/13/2020 12:48:20 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of material did not contain rocks.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment material was constructed with rock free material.	Conformance	1/6/2020 3:21:59 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/29/2019 8:48:33 AM - 06:00	Check that the top two feet of embankment is constructed with rock free material.		Chunks of asphalt and concrete witnessed in fill.		10/4/2019 3:04:52 PM -06:00	NC-2	NCR 1423 was written to resolve issues in the type 7 locations.	Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM - 06:00	Check that the top two feet of embankment is constructed with rock free material.		Top 2 feet were brought into the area. Area to be cement treated to prevent future soft spots.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment were placed and compacted with rock free material.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Material was free of rock.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment constructed with rock free material.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		top two feet of embankment was free of rock material.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The proof roll was conducted in conformance with the specification?		Proofroll was conducted prior to backfill in strap zone. as well as in level pad area prior to forming pad.	Conformance	3/26/2020 8:04:59 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		A proof roll was completed on Saturday, August 15th. Reference pictures in comment #4.	Conformance	8/25/2020 9:25:55 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in conformance to spec.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted according to specifications with a water truck.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted, soft spots were identified by the contractor and corrected.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/29/2019 8:48:33 AM -06:00	The proof roll was conducted in conformance with the specification?		Did not appear to have had proof roll operation performed where type 7 guardrail special is to be place.		10/4/2019 3:05:01 PM -06:00	Audit Comment	NCR 1423 was written to resolve issues in the type 7 locations.	Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in accordance to spec.	Conformance	1/6/2020 3:21:59 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in accordance with specifications, using an approved vehicle with an acceptable axle load.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Adjacent structures were not damaged.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Embankment was constructed without damage to adjacent structures.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Organic and unsuitable materials were disposed of outside of fill area.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		All unsuitable material was removed and hauled off of site.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork	7/23/2019 11:15:00 AM -06:00	Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Roots and logs were found in embankment material. See item 1 for IQC response and monitoring.	item addressed	6/3/2021 2:57:23 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		There were no roots observed in the embankment.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Unsuitable materials were disposed of off site.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No organic or unsuitable material was found in the subgrade.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM -06:00	Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Ditch/grades appear to be in conformance.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed

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Central 70	C 0704-241	Subgrade	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Earthwork cross-section were built per plans.	Conformance	11/8/2019 8:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork	7/19/2019 10:12:56 AM -06:00	Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Slopes around ends of embankment were observed to be approximately 1:1, not conforming to safety critical plan. Slope angle continues past ends of embankment, going east and west at same ratio on all 4 sides.	See KIE-EML-002831 which is a response to CDOT-EML-005765. Also NCR 1297 was created.	10/28/2019 2:24:17 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		The cross slope and grade were in conformance with the plans. Please reference attached pictures.	Conformance	8/25/2020 9:25:55 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/11/2020 5:56:20 PM -06:00	Check the installation of drainage facilities for proper operation and that the Contractor maintains the roadbed in proper condition.		Drainage facilities appear to be cut into the proper elevation so that the rail bed will remain dry.	Conformance	5/11/2020 11:06:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		All subgrade was inspected by inspector throughout all subgrade	Conformance	6/16/2020 11:46:35 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		IQC and PC were present.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Grade was verified prior to base.	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		subgrade and base were constructed per plans.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		The subgrade was constructed and sting-lined was set to the correct cross-slope, elevation and alignment.	Conformance	6/16/2020 11:46:35 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The subgrade was free from all ruts, corrugations. The subgrade was compacted and approved in accordance with section 203	Conformance	6/16/2020 11:46:35 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required grade. No ruts or other irregularities were observed.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		No rutting was observed in subgrade.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to the required grade and free from ruts.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Appeared to be graded to the appropriate grade and sections	Conformance	7/8/2019 9:54:15 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped properly, free from ruts.	Conformance	11/2/2020 3:53:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Railroad Grading	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Grade was set to the required cross-slope and elevation, free of irregularities, and compacted / approved within conformance of Section 203 of the Specifications, and any additional railroad specifications were followed.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to the required grade per plans. Subgrade was free from all ruts and irregularities.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade/ subballast was moisture conditioned and required moisture density obtained for areas where grading support was utilized.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	11/2/2020 3:53:43 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	6/1/2020 7:54:32 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade and base were compacted to the required moisture and density.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density at an acceptable moisture range.	Conformance	12/4/2019 6:21:04 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		The subgrade/base was compacted to the required moisture and density	Conformance	6/16/2020 11:46:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		PC and IQC achieved passing density tests after cement treatment was applied to subgrade.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted. IQC achieved passing tests on subgrade.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required moisture/density.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Densities will be determined by nuclear methods in accordance with CP 80.		Density tests were performed by nuclear methods on accordance with CP80.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Densities will be determined by nuclear methods in accordance with CP 80.		Densities were achieved using the nuclear methods, and upon approval of passing densities, a proof-roll was completed prior to moving onto subballast and ballast.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof-roll operations conformed to the specifications, and if any soft spots were identified, they were corrected and retested prior to proceeding.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots were observed during the proof roll	Conformance	6/1/2020 7:54:32 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots were observed during proof roll.	Conformance	11/2/2020 3:53:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Soft spots were identified and corrected by the contractor. No ruts were identified during operation.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During proof roll operation. Soft spots were encountered and corrected by the contractor.	Conformance	8/15/2019 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During the proof roll there were no soft spots or ruts.	Conformance	6/16/2020 11:46:35 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During initial proof roll, IQC identified 2 soft spots that were then corrected and verified during final proof roll.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots were corrected prior to paving operations.	Conformance	12/11/2019 9:38:29 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Any soft spots should be corrected before the paving operation begins.		There were no soft spots in the subgrade.	Conformance	6/16/2020 11:46:36 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots were corrected prior to paving operation.	Conformance	10/1/2020 10:31:29 AM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots identified were corrected prior to continuing with subballast / ballast placement operations.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork	6/11/2019 3:31:16 PM - 06:00	Any soft spots should be corrected before the paving operation begins.		During placement of second lift of HMA on block 6304. From Approx. Sta 2218+80 to Sta 2224+34. Movement (Pumping) was observed on the first lift of HMA. Paving operation continued.	NCR-1121	6/25/2019 12:33:38 PM -06:00	NC-2	This issue will be resolved with NCR-1121	Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Subgrade was adequately protected upon completion and approval of grade, prior to subballast/ ballast placement. In most cases, the next layer (i.e. subballast or ballast) was placed to provide protection to the previously approved grade.	Conformance	7/9/2019 3:46:51 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		After subgrade was approved it was protected.	Conformance	11/2/2020 3:53:43 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		All subgrade was protected after it was approved.	Conformance	6/16/2020 11:46:36 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Work was protected with positive grading to drain any water away from subgrade.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		After the subgrade was sold off and proof rolled was done the pavement was placed within 48 hours.	Conformance	6/16/2020 11:46:36 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Asphalt was placed within 36 hrs of base course being sold.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		After approval, base course was placed within 48 hours.	Conformance	11/2/2020 3:53:43 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	The pre-paving conference must be held two weeks prior to the placement of any pavement. The mix design provided in the meeting approved? (Reference Spec and Special for more information)		An unapproved mix design was used at the Columbine Bridge Approaches. This was discussed with Zach of Ground (IQC) the day of placement. Please see the attached batch ticket.	NCR 1377 created	9/18/2019 7:45:22 AM -06:00	NC-2	NCR 1377 was issued.	Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		No asphalt was placed on frozen subgrade	Conformance	11/11/2019 3:10:16 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was placed on suitable subgrade	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade.	Conformance	10/7/2019 10:04:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade.	Conformance	6/9/2020 11:03:59 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:08 PM - 06:00	Review the Contract limitations with respect to cold-weather paving and inclement weather, including allowable conditions for placing prime and tack coats and underlying pavement layers and surface lifts.		No cold weather was encountered. Paving operations were stopped when rain began.	Conformance	8/9/2019 9:15:37 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	10/23/2019 3:01:25 PM - 06:00	Review the Contract limitations with respect to cold-weather paving and inclement weather, including allowable conditions for placing prime and tack coats and underlying pavement layers and surface lifts.		Asphalt was placed on surface that was below CDOT Standard Specs. minimum allowable temperature for placement. See attachment pic 2 taken when first truck backed up to paver. See attachment Pic 3 taken when ambient temperature fell below CDOT Standard Specs. minimum allowable temperature for asphalt placement. From approx. Sta 2293+40 Lt to Sta 2298+50 Lt		10/28/2019 10:11:41 AM -06:00	Audit Comment	IQC and PC had the discussion about the dropping ambient temperatures. The joint decision was made to shut the plant off and place what material was on the road (5 loads) IQC still had an ambient temp of 56 degrees at the time the last truck was placed.	Closed
Central 70	C 0704-241	HMA	Roadway	10/23/2019 3:01:25 PM - 06:00	Was the placement of the asphalt overlay in accordance with Table 401-4 "Periods Required Overlay of Treated Surfaces"?		Asphalt placement overlay was in accordance with Table 401-4.	Conformance	10/21/2019 8:25:12 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was compacted properly and density tests were achieved.	Conformance	11/11/2019 3:10:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Due to the nature of the placement, the grade was irregular. This was to ensure that the pavement tied in the existing Columbine (Crowned) pavement and the new Columbine bridge (Complex slopes). The south end of the Columbine bridge required very little fill material. The asphalt wedge protruded onto the concrete deck. The north end of the structure required grading in each corner to get positive drainage. Reference the attached pictures.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The surface was prepped appropriately before the proof roll occurred. Reference comment #3.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compact properly.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded properly and with no visible irregularities noticed on base course.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	9/5/2019 4:18:30 PM - 06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Please see attached photos of the hard cap area. Surface Irregularities can be seen in photos as well as loose dry material.		10/7/2019 3:00:11 PM -06:00	NC-2	NCR 1443 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and properly compacted.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted. Base was brought to grade and cross section.	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to placing HMA.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly. Base was brought to uniform grade and cross section.	Conformance	6/9/2020 11:03:59 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Subgrade cement treated, graded and compacted properly. Grade was brought to uniformity and planned cross section.	Conformance	3/2/2020 9:51:19 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to placing HMA.	Conformance	11/11/2019 3:10:41 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to placing HMA	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted prior to asphalt placement. No irregularities were noticed.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM -06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded per plan and compacted.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly. IQC and PC achieved passing density tests.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded, compacted properly, brought to grade and cross section.	Conformance	10/7/2019 10:04:24 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected by the contractor.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Subgrade was above freezing, and no soft spots were identified.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified by the contractor and corrected.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified by the contractor and corrected.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Any soft spots that were identified were corrected. Paving was not allowed to be placed on frozen subgrade.	Conformance	3/2/2020 9:51:19 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified during proof roll operation and corrected prior to HMA placement.	Conformance	6/9/2020 11:03:59 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified by the contractor and corrected prior to placing HMA.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed

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Central 70	C 0704-241	Base	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified during proof-roll operation of base course.	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected by the contractor.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified during proof roll operation.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		During the proof roll, two soft spots were identified at the South Clayton bridge approach between the bridge and 46th. The soft spots were addressed before asphalt was placed. Geo-grid was placed across the entire placement area. Please reference the attached pictures.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were found on the North end of the bridge when a proof roll was conducted.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified by IQC.	Conformance	11/11/2019 3:10:16 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spot was identified and corrected by the contractor prior to placing asphalt.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were corrected prior to placement.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof roll was conducted.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		A proof roll was conducted on the North end of the Columbine bridge first thing Friday morning (August 16th).	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		The grading crew placement embankment the previous day (8/14/2019). A proof roll occurred at 8:00 am the morning of the asphalt placement (8/15/2019)	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof roll was conducted, soft spots were identified and corrected bu the contractor prior to placing HMA.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll was conducted. Soft spots noticed and corrected.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll conducted to identify soft spots prior to paving. Any soft spots identified were addressed prior to permanent pavement placement.	Conformance	3/2/2020 9:51:19 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll was conducted with a CAT 938 front end loader carrying a half full bucket.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proff-roll was conducted.	Conformance	10/7/2019 10:04:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is the surface to be treated properly prepared?		Subgrade was cement treated and inspected by IQC.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM -06:00	Is the surface to be treated properly prepared?		All of the surfaces were treated with tack appropriately.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Were the irregularities in the existing pavement or base brought to uniform grade and cross section?		The sub-base material was uniform so asphalt may be tied into the existing pavement at 46th on the South end and Clayton on the North end.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM -06:00	Were the irregularities in the existing pavement or base brought to uniform grade and cross section?		No irregularities were noted at time of inspection.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM -06:00	Is the existing surface properly repaired, patched and cleaned?		Base was placed properly. Asphalt tack was placed between asphalt layers.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the surface swept to remove accumulations of loose gravel and debris?		Existing pavement surface was swept properly.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM -06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept prior to paving	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept clean of debris and ready for SMA placement.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept from debris prior to placing tack.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept and all loose gravel and debris was removed.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Was the surface swept to remove accumulations of loose gravel and debris?		All loose debris was swept away at the joints before tack was placed.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was properly swept of any debris prior to placing tack.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM -06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Approach slab surfaces were swept prior to tack coat application. Bridge deck was hand swept and backpack blower was used.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept after milling operation and prior to placing tack.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept after milling operation and prior to tack placement.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/23/2019 3:01:25 PM -06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept after milling and all loose material and debris was collected.	Conformance	10/21/2019 8:25:12 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Are the vertical faces free of tack?		All vertical faces were tacked appropriately. Please reference the attached pictures.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Are the vertical faces free of tack?		Since the asphalt is considered temporary, no tack was place on the vertical face of the knee wall of the cover abutment 1 on Columbine. This is for the ease of removal later. All other areas were tacked in accordance with the specification. Please see the attached photos.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Tack was placed appropriately on all contact areas in the placement area. Please reference the attachment in comment #6.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		asphalt cement was tacked prior to placing mix.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Tack was applied.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Tack was placed on the asphalt manholes/inlets as necessary. Manhole riser and grate not placed at this time.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to paving.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to placing HMA.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack coat was allowed to break prior to paving.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was placed in accordance to spec ans was allowed to break before placing HMA.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to paving.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to asphalt placement.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to asphalt placement.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/23/2019 3:01:25 PM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Asphalt was placed before tack was allowed to break. See attachment.		10/28/2019 10:11:38 AM -06:00	Audit Comment	IQC inspected and approved the tack prior to paving.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM -06:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Surface was allowed to dry prior to tack coat application.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Surface was dry and there was no precipitation when tack was applied.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed

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Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperatures were acceptable for paving without using cold weather paving plan.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather and temperatures were within specifications	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for placing asphalt.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/31/2019 12:09:55 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient temperature and surface temperatures were above minimum requirements for paving operations.	Conformance	7/31/2019 7:44:32 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving. Rain event occurred from approximately 2:47-2:53PM, paving was halted until rain stopped.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperature were in conformance.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:08 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperatures were above minimum temperatures required for paving.	Conformance	8/9/2019 9:15:37 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather condition were acceptable for paving.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and subgrade temperature were within specs.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were 75 to 85 degrees F during paving operations.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for Paving.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient temperature ranged from 65-85 degrees. Surface temperature was also sufficient for paving.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather was appropriate for the placement of asphalt.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable. Ambient and surface temps were within spec.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/12/2019 8:39:26 AM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		IQC Checklist states that paving began 4:00AM, and 2 lifts of 3 inches were placed at Central Park. Per CDOT Standard Specifications for Road and Bridge Construction Table 401-3, the minimum temperature for placing a 3 inch lift of asphalt below top layer is 35 degrees. Historical weather data for the area shows that ambient air temperature at the time was 30 degrees.		12/20/2019 8:08:10 AM -07:00	NC-2	I was given the understanding that this NC-2 was to be retracted as the surface temperature was checked by IQC and PC in the field/on site and found to be in compliance. This is documented within the IQC checklist. The historical data attached was from DIA from conversations previously had about this matter.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/18/2019 1:03:54 PM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Over night shift starting on Nov 7, historical weather data measured ambient temperatures for the area from 37-25 degrees. This temperature is lower than the minimum allowable ambient temperature for the thickest lifts in Table 401-3 of the CDOT Road and Bridge Standard Specifications for a top layer of asphalt. Over the night shift, asphalt was paved in the left two lanes of the EB Quebec Off Ramp.		11/20/2019 5:25:56 PM -07:00	Audit Comment	IQC gives the production team temperature readings for both ambient and surface at the paver at the start and during paving.	Closed
Central 70	C 0704-241	PCCP	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered concrete was with spec.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of mix met specifications.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperatures were 275 to 320 degrees F during paving operations.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature was taken and met spec.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Temperature of delivered plant mix meets specifications?		Asphalt temperatures were being taken periodically behind paver by IQC and all were within Spec.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Temperature of delivered plant mix meets specifications?		Temperature, air, and slump were test and in conformance with Specs.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Temperature of delivered plant mix meets specifications?		Temperature of mix was within specifications	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	The type of material transfer device (MTD) being used?		No MTD was being used during this operation.	Will continue to monitor.	8/8/2019 1:59:53 PM -06:00	Audit Comment	KIC does not intend to use a MTD on bottom and intermediate lifts. During SMA operations a MTD will be used.	Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		Weimer MTD (shuttle buggy) was used to load paver hopper.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		10 belly dumps were used for paving operations this evening.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		All SMA appeared consistent with no segregation, all aggregate was coated w/ AC, no drain down or flushing observed.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		After 2nd pull from inside shoulder on EB bridge, and 2nd pull from outside shoulder on WB bridge, skid steer was used to collect and replace mix that had been dumped on unswept existing roadway back into paver. IQC was aware, and advised crew against performing this action.	See NCR 1465	10/4/2019 9:59:35 AM -06:00	NC-2	NCR 1465 was issued to resolve this NC-2. This is not a preferred practice that the crews should be doing. They have been advised for future work to waste mix if it has been contaminated, but in this case was not.	Closed
Central 70	C 0704-241	HMA	Roadway	7/31/2019 12:09:55 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Multiple times, trucks moved forward ahead of paver, causing mix to be dumped onto subgrade or existing pavement in front of paver. Skid steer was used to replace dumped pavement into paver, instead of removing completely. Please advise truck drivers to be attentive to paving crew directions, and dump mix directly into paver. Also, mix that has been contaminated with dirt or other subgrade materials should not be placed back into paver.		8/9/2019 8:11:37 AM -06:00	Audit Comment	Acknowledged. Truck drivers are a on going training challenge. We will communicate with paving foreman to waste material that is contaminated.	Closed

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Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:08 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Mix was dumped onto roadway, and replaced into paver. This issue has been noted and resolved in CVI_Roadway_HMA_HTran_41. Previous Assessment is attached.		8/21/2019 7:24:23 AM -06:00	Audit Comment	KIC has responded and has action in place as discussed in HTran 41	Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' ski was used during operation.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Yes a 30' ski was used.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30 foot ski was not in use at the time of the inspection. This was discussed with the PC team. However, it was a short run of paving. 30 foot ski or longer will help with final rideability and IRI numbers.	response adequate	9/18/2019 7:56:01 AM -06:00	Audit Comment	KIC intends to Ski as much as possible for ride quality.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		A 30ft ski was being used.	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Yes 30' ski was used.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' Ski was being used.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' Ski was being used.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Front and rear 15' skis were used.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM -06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used during paving operation	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation was used only around manholes and at narrow wedges of the intersection.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Southern tie-in at EB On-Ramp going NB on Brighton should be monitored as raveling of asphalt has already begun on date of switch.	NCR-1688 Created to Track Issue.	11/27/2019 7:28:15 AM -07:00	NC-2	NCR 1688 Created	Closed
Central 70	C 0704-241	General Work	Cover		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Due to the irregular placement area, manual operation of the paver was required.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation was not observed.	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Short pulls in front of the bridge approach slab.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was being operated in a stop and go motion.	Multiple discussions have taken place between IQC and PC regarding how to minimize stop and go motion. Will continue to monitor.	8/8/2019 1:58:19 PM -06:00	Audit Comment	The paving crew recognizes that the most efficient and consistent way to pave is to have continuous paving. Multiple variables cause the stop and go problem.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operating in a stop and go motion.		10/4/2019 3:04:05 PM -06:00	Audit Comment	Acknowledged. KIC does as much as possible to eliminate the stop and go paving.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operated at an acceptable pace.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Once aligned within the paving limits, the operation of the paver was smooth and continuous.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operating in a constant forward motion, with a mostly uniform speed.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a stop and go motion.		11/6/2020 10:29:48 AM -07:00	Audit Comment	acknowledged.	Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture, no stop and go motion.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was more than half- full, material was kept at midpoint of augers/ 1/2 to 2/3 full, cross slope as shown on typical sections.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half full during paving operation and material was kept at midpoint of the augers.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept more than half full at all times.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept more than half-full at all times.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		no visible segregation was observed.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		So segregation was observed.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was noticed.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the augers.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No visible segregation was observed.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM -06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled after every truck.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Wing of the hopper were dumped after paving operation was done for the day.	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was in rotating at least 80% of the time and at a minimum of 40 rpm.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM -06:00	Is the screed vibrator functioning?		Screed vibrator was functioning during HMA placement.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		HMA was placed with the required surface tolerance and produced an acceptable finish. No segregation was observed.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Lifts paved Friday, 27 March were did not meet thickness in plans. This was discovered 29 March, when the NB lanes were paved, however after discussing in the field, production wrote smartsheet NCR 0065.	Field Resolved	3/30/2020 4:41:35 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within required surface tolerance and produced an acceptable finish without segregation, holes, tears, gouges, or drags. The paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed with no segregation. The surface of the mat was uniform throughout.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed and no visible segregation was observed.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material placed produced an acceptable finish without segregation.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		On the East end of the WB Peoria bridge, at the joint between the approach slab and the bridge deck, a transverse crack was observed. IQC also observed crack, and documented.		9/20/2019 10:21:01 AM -06:00	Audit Comment	The transverse crack appears to be a deflection crack that is in alignment with the end of the approach slab of the bridge. This will be remedied per KMP by utilizing RDDT-048 plan sheet.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed and produced an acceptable finish without segregation.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within required surface tolerance and produced an acceptable material.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed with an acceptable finish with no segregation.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The surface of the mat was uniform in appearance.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/11/2019 1:53:36 PM -07:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Planned lift thickness of the 2nd lift was 3.5 inches. Compacted lift thickness was observed as 4-6 inches thick.	See NCR 1714	11/18/2019 8:25:34 AM -07:00	NC-2	NCR 1714 was written to track this issue	Closed
Central 70	C 0704-241	HMA	Roadway	10/29/2019 9:20:02 AM -06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Newly placed asphalt (HMA) right lane 270 is raveling in several places. See pic 1 right lane just past tie in to existing at Quebec off ramp. Then at 270 bridge approach is in worse condition. Unsafe to take picture. Please address.		12/10/2019 8:11:47 AM -07:00	NC-2	NCR 1738 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		No visible segregation on surface mat.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within the required surface tolerance and no segregation was noticed.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM -06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within the required surface tolerance and no segregation was observed. The paver was set for the required thickness and held it throughout the entire operation.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within the required surface tolerance. No segregation was observed. Paver was set at the established grade and thickness was being constantly monitored.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed at the time of inspection.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was witnessed during my observation.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		Since the mix was placed by hand at both the north and south approaches. Segregation was present. Since the pavement is temporary, the segregation in question is not problematic.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork	9/30/2019 3:27:57 PM -06:00	Was stationing established to allow yield checks and material placement?		No survey staking was established to provide stationing and layout (EOP) for material placement of permanent asphalt along the WB Brighton On-Ramp.	Grading/Paving was wider than required after staking/GPS was shown in the field.	10/21/2019 8:46:04 AM -06:00	Audit Comment	When staking is not present a grade checker will be provided for IQC	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	What type of grade control was used? Is it functioning properly?		Due to the nature of the placement, no grade control was used. The goal was to match the existing pavement on Columbine St. and the new Columbine bridge which allowed positive drainage at each corner.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		What type of grade control was used? Is it functioning properly?		No grade control was used, due to the nature of the placement. A string line was used to place the final lift of asphalt for the tie in of the North & South approaches. Please reference the attached pictures.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		IQC and PC were on site. Thickness check were observed.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		IQC/PC on site documenting yield checks, thickness and temperature of material.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness and temperature was check by IQC.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM - 06:00	Material placement location, thickness, yield checks and temperature documented?		Location and thickness were correct. IQC/PC were on site of documentation.	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Material placement location, thickness, yield checks and temperature documented?		IQC was on site documenting thickness and temperature.	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		On the EB bridge deck, when preparing for the second and third pulls (going from inside shoulder to outside shoulder) the outside track of the paver created cracks and tears in the membrane, from 2-18 inches long, but not wider than 3 inches. Paving superintendent and IQC were aware of tears, superintendent decided to continue paving on surface.		9/16/2019 5:24:12 PM -06:00	Audit Comment	There is no evidence that the deck surface is showing through. The waterproofing membrane still appears to be in place.	Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was taken on mat behind the paver and prior to rolling.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		IQC on site checking temperature as well as myself behind the paver. Temperatures check all in conformance.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		IQC was observed taking temperature.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature was being checked by IQC and PC.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC and PC.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being check by IQC and PC.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was checked behind the screed by QCAT, PC, and IQC.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mix behind paver screed was at proper temperature during rolling.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Asphalt temperature was checked behind the paver.	Conformance	8/8/2019 2:31:28 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked behind the paver screed by IQC. Temperature was also checked before rolling operation.	Conformance	6/4/2019 11:16:24 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was checked and in conformance.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat temperature was acceptable.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature was being checked behind the paver by IQC and the paving foreman before the rolling began.	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/31/2019 12:09:55 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Asphalt mat directly behind paver was above minimum temperature required.	Conformance	7/31/2019 7:44:32 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked behind the paver by PC and IQC.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked behind the paver and prior to rolling operation.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was taken on the mat behind the paver per spec and was in conformance. Temperature was taken on the mat before rolling began.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:08 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat directly behind paver screed was above minimum required temperature for laydown operations.	Conformance	8/9/2019 9:15:37 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC and PC.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat temperature behind paver meet minimum temperatures specified.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	10/14/2019 7:33:17 AM -06:00	HMA Reconstruction (inches) Ensure that the mat is placed in conformance with the required cross-section (e.g., slope, crown) and lift thickness. Check the total thickness and yield as required. Require screed adjustments, if necessary.		Westbound Mainline asphalt/level up which was placed this past Monday and Tuesday night between Peoria and Havana has begun to fail/ravel. The minimum lift thickness for the mixed used was not achieved.	1583 was written.	10/21/2019 8:50:57 AM -06:00	NC-2	NCR 1583 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	11/18/2019 1:03:54 PM - 07:00	HMA Reconstruction (inches) Ensure that the mat is placed in conformance with the required cross-section (e.g., slope, crown) and lift thickness. Check the total thickness and yield as required. Require screed adjustments, if necessary.		At south end of intersection, new detour was tied into existing pavement by milling 1 inch into existing ramp. This did not allow for a lift thickness at the tie in location of 3 times nominal maximum aggregate size for the S100 mix.	See NCR 1730	11/26/2019 10:36:56 AM -07:00	NC-2	NCR 1730 was written to track this issue	Closed
Central 70	C 0704-241	HMA	Roadway		Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		No areas were rejected.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		No areas placed were rejected prior to placing subsequent lifts.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		No areas were rejected prior to placing concrete.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		No areas were rejected.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/10/2019 2:18:43 PM - 06:00	Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		<p>Crews realized that the survey was off and as a result the pavement was 1' short on width. The edge of pavement for the shoulder should have been 1' north from the location which was installed. As a result crews created a joint not shown in the jointing plan and installed a 1' width of permanent pavement on the outside to meet the plan width.</p> <p>The Department has elected to issue this as an audit comment since IQC is planning to issue the NCR. Please response with the NCR number for this audit.</p>	NCR written	7/23/2019 12:33:50 PM -06:00	Audit Comment	NCR 1219 was issued by IQC	Closed
Central 70	C 0704-241	General Work	Cover		Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		The temporary pavement markings are addressed in FDC-068. The roadway will be open to traffic between August 16th & 18th. An MOT audit will be conducted to ensure compliance.	Conformance	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		Temporary pavement markings are addressed in FDC-068. The roadway will be open on August 18th.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out site was available.	Conformance	8/15/2019 1:08:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Clean out site was available and being used.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Is there a truck "clean out" site available. Is it being used?		Clean out site was available and being used.	Conformance	9/4/2019 2:17:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM -06:00	Is there a truck "clean out" site available. Is it being used?		Trucks left paving area, and cleaned out at end of work area prior to leaving site.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out was on site and being used.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM -06:00	Is there a truck "clean out" site available. Is it being used?		Truck clean out was on site and being used.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Does the sloped safety edge conform to the details in the plans?		Sloped safety edge was in conformance with plans.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:48 PM -06:00	Does the sloped safety edge conform to the details in the plans?		Safety edge is not necessary at this location do to CE barrier or guardrail	Conformance	8/9/2019 9:12:04 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Does the sloped safety edge conform to the details in the plans?		The sloped safety edge conformed to the details in the plans.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the approved proposed paver wedge system used and followed during construction?		The approved proposed paver wedge system was used and during paving operation.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	11/7/2019 11:40:19 AM - 07:00	Where cores taken?		Comment being generated to note that where T-Joint located in PCCP Roadway a proper and adequate core was not taken at two locations. Should these panels form any cracks, full panel replacement will be necessary. A separate NCR was created for this particular area for not following approved Jointing Layout plan.		11/18/2019 7:03:07 AM -07:00	Audit Comment	Acknowledged. PC and IQC will lay out the T joint for release cores as part of the pre pour walks	Closed
Central 70	C 0704-241	SMA	Roadway		SMA pavement shall be placed and compacted in accordance with the temperatures listed in subsection 401.07 as revised for this project.		SMA was placed and compacted in accordance per spec. temperatures.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance to approved Test Section.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance with approved CTS.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance with test section.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Rollers were following compaction rolling sequence plan.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		A combination steel wheel/rubber tire roller was used for all compaction operations.	Conformanc e	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		A combination steel wheel/rubber tire roller was used for the initial knockdown. A pneumatic roller was used to finish the rolling operation.	Conformanc e	8/19/2019 3:05:24 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformanc e	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction rolling sequence was being followed.	Conformanc e	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction rolling sequence was being followed	Conformanc e	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed.	Conformanc e	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction Rolling Sequence was being followed during operation.	Conformanc e	6/16/2020 11:44:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Rollers followed rolling sequence.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/16/2019 4:11:54 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Yes	Conformance	7/16/2019 1:22:39 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Rollers were following the rolling sequence.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling operation was followed.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		All compaction rolling sequence was followed. From initial breakdown, intermediate, to finished.	Conformance	8/12/2019 2:11:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is performed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was being followed.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller was traveling at acceptable speed.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/13/2019 2:27:08 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller was operating at a brisk walking pace. No material was picked up by rollers or pneumatic wheels. Water was used in rollers to ensure cleanliness and prevent material pickup.	Conformance	8/9/2019 9:15:37 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Paver was operating at a brisk walking pace, and did not pick up material as it was compacting mat.	Conformance	9/3/2019 12:02:40 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/31/2019 12:09:55 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers were moving at adequate speed, and roller spray nozzles were working properly to prevent HMA from sticking to roller heads.	Conformance	7/31/2019 7:44:32 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated a slow speed and did not pick up material.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speed.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers were being operated/traveling at a brisk walking pace. Rollers were kept clean and not picking up material.	Conformance	6/16/2020 11:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers traveled at a brisk walking pace. Rollers were kept clean.	Conformance	9/9/2019 1:57:41 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire rollers were used.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		No pneumatic tire roller was used during this operation.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers vibrated breakdown and intermediate rolling, however final rolling was done in static mode.	Conformance	6/1/2020 7:53:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers were being used in vibratory and static modes during compaction operating.	Conformance	6/16/2020 11:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Breakdown and tire rollers were operated in vibratory mode.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		The vibratory function of the roller used in comment #15 for knockdown was adequate.	Conformance	8/19/2019 3:05:25 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		The vibratory function of the roller was not utilized while compacting the mix on the South side of the bridge deck which is with in conformance with the specification. The vibratory function was used on the north approach since it was on compacted sub base material.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/2/2019 4:00:17 PM - 06:00	Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		No vibratory rolling was used on bridge decks.	Conformance	9/9/2019 1:57:42 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Rollers shall not be used in vibratory mode on SMA unless successfully used on control strip in subsection 403.03.		No rollers used in this operation were compacting in vibratory mode.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Crushing aggregate?		No visible signs of crushing aggregate were observed.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No crushing aggregate was observed.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of aggregate being crushed.	Conformance	11/11/2019 3:10:42 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Crushing aggregate?		Aggregate was not observed being crushed.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible crushing aggregate was noticed on mats.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushing aggregate.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushing aggregate.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushed aggregate on mat.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Crushing aggregate?		No visible signs of crushing aggregated.	Conformance	6/16/2020 11:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Denisty tests were performed with specified temperature.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Denisty tests performed within specified temperature.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was density obtaining before mat cooled to minimum specified temperature?		Density tests were obtained with in surface temp. spec.	Conformance	11/11/2019 3:10:16 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained before mat cooled to minimum specified temperature.	Conformance	9/4/2019 2:17:01 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was density obtaining before mat cooled to minimum specified temperature?		Densities were achieved by PC using a corrected PQI gauge.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Density was obtained before mat cooled to minimum specified temperature.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed from newly placed SMA.	Conformance	9/19/2019 12:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	9/24/2019 10:10:34 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/28/2019 10:46:18 AM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	8/26/2019 12:57:59 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed during finish roller operation.	Conformance	8/19/2019 2:28:18 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover	8/20/2019 7:14:15 AM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed and the vibratory function was not used on the final course at the north or south approaches of the Columbine Bridge.	Conformance	8/19/2019 3:06:21 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed from the final surface of asphalt on both the North & South approaches of the Clayton Bridge.	Conformance	8/19/2019 3:05:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	9/24/2019 10:12:28 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	9/24/2019 10:13:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	9/24/2019 10:11:36 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/23/2019 3:01:25 PM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	10/21/2019 8:25:12 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	6/16/2020 2:40:36 PM - 06:00	Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Rolling operation was stopped when HMA temperature fell below specified minimum temperature.	Conformance	6/16/2020 11:44:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Were the rejected areas (segregated or soft spots) corrected prior to placing additional lifts?		No areas were rejected.	Conformance	9/4/2019 2:16:34 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		Southern tie-in at EB On-Ramp going NB on Brighton would not pass a 10' Straightedge / Smoothness testing and inspection.	NCR-1688 Created to Track Issue.	11/27/2019 7:28:02 AM -07:00	NC-2	NCR 1688 Created	Closed
Central 70	C 0704-241	HMA	Roadway	8/15/2019 4:21:15 PM - 06:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		Rolling Straightedge was performed by QCATS. No deficiencies were notes.	Conformance	8/15/2019 1:10:24 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		Straightedge was not observed being used, however through visual inspection, deviations of greater than 3/16 inch were observed through wheel paths, especially through intersection.	See NCR 1458	9/27/2019 8:17:32 AM -06:00	NC-2	NCR-1458 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	8/20/2019 7:15:23 AM - 06:00	Precast Concrete Units (Spec 712.05)		Specification 712.05 states that, "Cracks in units, honeycombed or patched areas in excess of 30 square inches...will be cause for rejection." Manhole cracking and spalling did not occur until final placement of manhole, and Forterra provided a contractor recommended repair procedure. CCD verbally approved repair procedure. Repair was completed 17 Aug.		9/17/2019 4:53:34 PM -06:00	Audit Comment	Drainage repairs are approved and reviewed by Forterra for all pre-cast.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		Pipe section does not project into inlet structure adequately, and grouted/ created a collar for remaining amount to reach inlet structure. See attachment of standard pipe connection into manhole & inlet structures.	NCR 1133 Created.	6/25/2019 10:00:28 AM -06:00	NC-2	This issue will be addressed through NCR No. 1133	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		No inverts have been established within any of the inlet structures at this location to allow for open channelization of flow.		6/25/2019 10:00:45 AM -06:00	Audit Comment	Inverts will be established within the next 3 weeks.	Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	6/25/2019 7:42:51 AM - 06:00	This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		all pipe and manholes installed per plan	Conformance	6/20/2019 3:47:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/25/2019 7:37:28 AM - 06:00	Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Plans do not show how pipe connections to manholes or inlets should be treated. The Department has observed and has concerns on infiltration of water and possible fines. Per Spec section 603.07 "Joint systems for siphons, irrigation systems, and storm drains shall be watertight." See Attached Photos. For final acceptance the Department expects the connections to be watertight.		8/8/2019 11:36:35 AM -06:00	Audit Comment	On 7/16/19 IQCM, CPCM and the department walked 3 separate exposed inlet to pipe connections in 6315. The consensus is the means and methods implemented are not an issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		The plans do not show a detail on how pipe penetrations in the box should be handled. Also the Department found crews backfilled up to spring line at the box without having the sand bags in place. The department alerted IQC and PC of the issue. Prior to pouring the invert crews installed sandbags as far under the pipe as possible and the grouting crew cleaned the void as much as possible. Attached are photos when the department found the issue along with a photo after it was addressed. The department has concerns with this issue occurring else where on the project.	KMP has a Plan to address	7/23/2019 12:22:44 PM -06:00	Audit Comment	The crews make a field judgement on the when the sandbags are required to eliminate infiltration. They asses the size of the penetration and type of material. IQC and PC has added pipe penetrations as a focus point. We have field walks set up to inspect on going and previously installed items.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe penetration into manhole was adequate, and projected outside properly to connect with next pipe section.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Elevations and location were staked to plans.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved?		All utilities were located and resolved.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	6/25/2019 7:42:51 AM - 06:00	Alignment and elevation of trench matches the plans and specifications		trench built per plan	Conformance	6/20/2019 3:47:41 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rock encountered in trenching removed to 12" below grade		No rock was encountered during excavation.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		Manhole was not damaged.	Conformance	7/25/2019 8:39:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		Manhole was not damaged prior to or during installation	Conformance	8/12/2019 11:32:52 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		Manhole was not damaged during installation.	Conformance	8/19/2019 8:30:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Walk-behind vibratory compactors were used to compact around manhole, passing compaction tests were achieved by IQC before next lift was placed.	Conformance	8/15/2019 9:54:26 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was achieved at each lift.	Conformance	8/12/2019 11:32:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	Check grates for acceptability with respect to type, dimension, orientation, and galvanization		Grates were not adequately set, bolted, oriented as planned, etc. Paving commenced around these inlets prior to grate covers being properly set (PC Paving Inspector Noted they would write up NCR for this). One of the grates was the incorrect grate to be used.	NCR 1135 Created.	6/25/2019 9:58:45 AM -06:00	NC-2	This issue will be addressed through NCR No. 1135	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	6/13/2019 4:14:07 PM - 06:00	Where located within pavements, check the slope and elevation of covers.		Pavement does not tie into two of the structures adequately. The elevation of the tops of inlet structures and covers should be verified to ensure at proper grade.		6/25/2019 10:01:14 AM -06:00	Audit Comment	Inlets are designed for the "top" course of asphalt to tie into the grate. The top course has not been installed yet	Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	6/25/2019 7:42:51 AM - 06:00	Where located within pavements, check the slope and elevation of covers.		Manhole lids placed at existing grade. MH-216-01 Will need to be adjusted to proposed grade at the proper time.	Being tracked on punch list.	7/8/2019 2:10:48 PM -06:00	Audit Comment	KIC acknowledges the Manhole lids need to be adjusted. During utility punchlist walks we are noting these areas and tracking them. Lids will be adjusted prior to permanent pavement.	Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities	6/25/2019 7:42:51 AM - 06:00	Excavations in existing streets, except streets which are to be closed or abandoned, was the resurfacing complete as soon as practicable		pavement restored and reopened to traffic within limits of permit.	Conformance	6/20/2019 3:47:41 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping & Reflectivity was placed on unswept areas along the WB On-Ramp entrance from Brighton. Areas to receive striping should always be adequately swept and cleaned prior to placement.	NCR 1552 Created to track issue.	10/10/2019 10:12:07 AM -06:00	NC-2	NCR -1552 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	6/11/2019 3:34:49 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping was installed which did not match the plans. The white stripe placed was a combination of White and Yellow. Attached is a photo. IQC signed off on the safe to open with the improper paint color and should have noted it needs to be removed & replaced. The department reached out to MOT prior to issuing this NC and discovered the mixed paint has been used at other locations on previous nights. IQC should have addressed the use of the improper paint after the first occurrence which would have prevented the use on WB I-70 mainline. All locations of miss colored paint should be identified, removed, & replaced with the proper color.	ncr 1120	6/25/2019 12:38:17 PM -06:00	NC-2	NCR 1120 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/3/2019 1:20:49 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement Markings were installed according to plans.	Conformance	7/3/2019 1:15:58 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:15:54 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Do Not Pass striping ends approximately 150 ft too soon at gore section of exit 4. See plan sheet EMT-1807 for plan details.	See NCR 1253	9/3/2019 8:31:10 AM -06:00	NC-2	NCR 1253 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Crosswalk striping on south side of intersection had 19 inch wide strips. The spacing of the bars were also over 5 feet. The directional arrows on the south side of the intersection also had heavy wear.		9/3/2019 8:31:38 AM -06:00	Audit Comment	Crosswalks per MUTCD can be 12" to 24" wide. Crosswalk location was adjusted to avoid wheelpath on a narrow street. Heavy wear comes from the traffic, the thermo on 46th will be powerwashed	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Crosswalk Striping on the North and East side of intersection was omitted, as per Friday, 16 Aug walkthrough. Crosswalk at east end of intersection is not aligned with entry point to south sidewalk. Crosswalk at south side is missing a stripe in the SE corner. The stripes on the south crosswalk are only 19" wide. Plans call for 24" bars.		8/21/2019 7:23:22 AM -06:00	Audit Comment	Crosswalk can not align perfectly with existing sidewalk due to lane locations	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Markings met requirements of Striping plan.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings were installed according to plans and met requirements of MHT and striping plan.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		The yellow edge line approximately 100 feet west of the Monaco Intersection was striped on dirt. This was noted and scheduled to be fixed in the STO Checklist. Approximately 25 feet of white striping adjacent to the yellow stripe on the dirt is also missing.	Fixed 17 Jan	1/23/2020 9:06:49 AM -07:00	Audit Comment	Was fixed the following night	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping was placed on unswept pavement.	See NCR 1388	9/3/2019 8:30:13 AM -06:00	NC-2	NCR-1388 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping installed matched plan sheets.	Conformance	7/15/2019 9:28:37 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping was installed according to plans	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/25/2019 3:23:04 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings match striping plan sheets.	Conformance	7/25/2019 9:17:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/28/2019 10:47:53 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Stop bar striping on N Stapleton was not replaced after asphalt patching operations. Stop bar on SB Holly is striped according to plans, however location of stop bar does not allow for adequate turning radius for trucks turning north from N Stapleton. Traffic on SB Holly must either stop before stop bar, or back up when trucks turn onto Holly.	Striped as of 18 sept.	9/18/2019 10:42:38 AM -06:00	Audit Comment	Stop bar on N Stapleton will be done week of 9/9/19. SB holly stop bar was moved back week 9/9/19.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Striping was placed on unswept pavement.	See NCR 1461	9/16/2019 5:18:42 PM -06:00	NC-2	NCR-1461 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings were installed according to plans.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings were installed according to plans.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Roadway not swept adequately prior to temporary pavement markings were placed. Retro-reflectivity would not pass. Striping should be monitored and addressed as needed when properly swept.	NCR-1686 Created to Track	11/27/2019 7:25:12 AM -07:00	NC-2	NCR -1686 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/23/2019 3:02:04 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		(Sept. 22, 2019) I-70 between I-270 exit and Central Park On Ramp was switched to condition not shown in traffic control plans. Crews installed a reverse curve to tie Phase 2 Stage 2 Step 0 to Phase 2 Stage 1 Step 1. The plans do not show a reverse curve therefore a TCR should have been generated.	1655 created	11/13/2019 8:17:59 AM -07:00	NC-2	NCR 1655 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/23/2019 3:02:04 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		(10/17/19) EB I-70 between Central Park On Ramp and Havana On Ramp was switched to a condition not shown in traffic control plans. Crews installed a reverse curve to tie Phase 2 Stage 2 Step 0 to Phase 2 Stage 1 Step 1. The plans do not show a reverse curve therefore a TCR should have been generated.	1655 created	11/13/2019 8:18:03 AM -07:00	NC-2	NCR 1655 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Check temporary markings for correct placement in a timely manner		Temporary pavement markings were placed in a timely manner. What could be noted through dirty striping appeared to be within conformance to the plans.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Check temporary markings for correct placement in a timely manner		Per WMT-2133, [1] Did not eradicate existing stop bar, and Missing Stop Bar along SB Brighton approaching 46th Street. [2] Missing Right Turn Arrow & Left Turn Arrow Along 46th Street approaching Baldwin Court & WB On-Ramp. [3] Missing Yield Line in between two yield signs.	NCR 1552 Created to track issue.	10/10/2019 10:12:43 AM -06:00	NC-2	NCR-1552 Created	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting pavement markings were not observed.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were removed.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that conflicting markings have been completely removed.		All conflicting markings were removed.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were removed.	Conformance	1/16/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were completely removed.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that conflicting markings have been completely removed.		Conflicting pavement markings were removed.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were completely removed.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were removed.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were completely removed prior to opening to traffic.	Conformance	9/5/2019 9:42:43 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/28/2019 10:47:53 AM - 06:00	Ensure that conflicting markings have been completely removed.		All conflicting striping was removed.	Conformance	8/15/2019 9:29:58 AM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)	9/12/2019 4:32:19 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		The barrier wall was removed without proper traffic control in place. Workers and equipment were approximately 1' from a live lane. The crew was notified of the unsafe activity and stopped the activity.	NCR confirmed	10/11/2019 8:44:08 AM -06:00	NC-2	NCR 1494 was written to resolve barrier issues at Stapleton and Kearney	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/17/2019 3:01:22 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		TCR-0004 Sheets EMT-1144.1 and EMT-1145.1 missing temporary concrete barrier along southern portion of curve. This barrier is required to protect traveling public from entered demo'd Peoria bridge work zone.	Verified NCR 1515 was written for this issue.	4/13/2020 2:14:37 PM -06:00	Audit Comment	NCR-1515 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:42:34 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Vehicles and equipment were working just off the shoulder without traffic control in place. Found at 9:30am and addressed by MOT at 1145am.	There was a NCR created to track.	10/9/2019 6:28:13 AM -06:00	NC-2	NCR-1568 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 3:28:47 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Drums and Ty III per the MHT	Conformance	9/30/2019 8:49:16 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/3/2019 9:49:55 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		No chase vehicle was used to implement the closure on SB Steele St yesterday afternoon. Please see the attached pictures.	1569 created	10/21/2019 8:48:03 AM -06:00	NC-2	NCR-1569 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/30/2019 3:29:23 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		MHT #364 was not implemented appropriately. The closure along Steele/Vasquez Blvd was not implemented in the NB or SB Lanes to close off 46th. There are missing signs along E 47th Ave near Columbine. Road Closed Ahead and Road Work Ahead are missing on SB Columbine/E 47th Ave.	1560 created	10/21/2019 8:47:27 AM -06:00	NC-2	NCR-1560 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices in place provide the traveling public with safe passage through the work zone and delineate the areas where they may not travel, as well as where construction workers are located.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	10/29/2019 9:19:32 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		On the night shift of 10/24/2019 part of the right lane on WB I-70 between Central Park on Ramp and Sand Creek Bridge was milled. The longitudinal joint between milled surface and unmilled varied between center of lane and left wheel path as shown in the attached photo. The transverse joint also created a bump at the west end. The department found that signage was not installed warning drivers of the Grooved Surface, Uneven Lane, & Bump. The department alerted MOT of the issue at 7am on 10/25 and the issue was address in the afternoon on 10/25. Prior to removing the lane closure opening the above hazards to motorists the applicable signs should have been installed.	NCR confirmed	11/20/2019 3:10:50 PM -07:00	NC-2	NCR 1661 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/Surface Removals	Removal	8/13/2019 2:28:33 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Crew was working on the shoulder behind drums without a TMA. The department contacted the MOT team and a TMA was deployed immediately. Please educate crew on proper traffic control.	Response was adequate	9/18/2019 7:53:14 AM -06:00	Audit Comment	MOT will discuss with the crews removing guardrail	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/13/2019 2:29:36 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were properly used to separate construction workers from traffic, and guide traffic through work zone.	Conformance	8/12/2019 2:51:29 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	7/10/2019 2:14:37 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A shoulder closure was not installed for the drainage crew to perform drainage installation. The crew was observed with an approx 5' deep hole roughly 10' from WB I-70 traffic. As shown in the photos the excavator bucket was extending into the open I-70 shoulder.	NCR written and issue was addressed in under 2hrs from notification.	7/23/2019 12:37:45 PM -06:00	NC-1	This issue will be resolved through NCR # 1228.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Advance warning signs were installed as were the appropriate detour signage.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		MHT 104	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		MHT 243	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Proper traffic control devices installed adequately to warn the traveling public of hazards ahead, and where they may or may not operate to ensure safety to the public and to those working in the construction zone.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/28/2019 3:24:45 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Concrete barrier was moved from EB I-70/Peoria On ramp so trucks may exit the work area onto EB Peoria On ramp. There are no traffic control devices or signage in place to allow this movement. An individual is being used to flag the EB On ramp without the proper equipment.	Addressed through NCR 1191. Closed August 16th 2019	4/20/2020 11:17:18 AM -06:00	NC-2	NCR 1191 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:33:46 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A boring crew was working on shooting a bore across Central Park from the EB off ramp to the EB on ramp. CCD came across a laborer approximately 10' from a crosswalk towards the middle of the Central Park & EB Ramps intersection. The worker did not have adequate traffic control in place to protect him from traffic. When CCD noticed the issue MOT team was notified and they brought a UTC out to stop traffic for the worker to track the bore. Attached is a graphic of the situation CCD encountered.	response adequate	6/25/2019 1:03:32 PM -06:00	Audit Comment	MOT has talked with the boring crew. When the head travel under an intersection and someone will follow it to locate it, a UTC will be present to direct traffic around them.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/11/2019 3:33:46 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A ITS boring crew was observed working within the clear zone of the EB Havana on ramp without traffic control in place. The crew was approximately 5-10' off the travel lane of the on ramp. Sturgeon and MOT were made aware of the issue observed by the department and is generating an NCR.	NCR 1153 generated	6/25/2019 1:03:11 PM -06:00	Audit Comment	NCR 1153 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	6/17/2019 8:04:10 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		The west sidewalk was marked as closed to pedestrians, detour sign routed pedestrians to east Sidewalk, where active work was occurring.		7/9/2019 1:44:36 PM -06:00	Audit Comment	Pedestrian access is monitored daily. This area specifically was closed due to safety concerns. In areas where work is being performed we will escort peds.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Devices in place and flagger was used to keep vehicles from following work vehicles. The flagger did stop drivers and redirected them.	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices observed to be in place to warn the traveling public, and to advise them of the proper path through the work zone and onto the new WB On-Ramp.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were properly utilized, as depicted within the MHT, to warn the traveling public and advise them of the proper path to follow to detour the workzone.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Quality Standards for Work Zone Traffic Control Devices as guidance to use in assessing the quality of traffic control devices used in construction zones. Copies of this publication can be obtained by contacting the Safety and Traffic Engineering Branch at (303) 757-9654.		TCDs were in good working condition.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Flashing arrow panels needed as a part of MHT were in proper working order and correctly lit/ placed at the proper height for the traveling public to clearly see.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		MHT 243	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Conformance	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board was utilized as planned with the proper flashing arrow being portrayed in the correct direction, and located at the proper location per the MHT.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/13/2019 2:29:08 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board was flashing in caution configuration.	Conformance	8/13/2019 8:09:26 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board noted to be placed in the proper location per plan. One lightbulb was noted to be missing.		11/27/2019 7:25:21 AM -07:00	Audit Comment	Arrow board has been replaced	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board was in appropriate location detailed in MHT. Lights were operating in caution mode.	Conformance	8/14/2019 6:34:19 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board was function in proper mode, and in proper location.	Conformance	8/15/2019 9:32:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Asphalt Milling	Removal	9/6/2019 2:35:17 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		At the end of dayshift on 9/5 Pauley left an MHT in place to protect an open pit with a vertical face at the edge of asphalt. On night shift of 9/5 KIC shifted the MHT putting traffic up against the open pit to mill the left lane as a result the lane width was reduced to 8.75' and traffic was positioned to be within a drum width from a 3' vertical drop. Attached are photos of what was in place in the field and the approved MHT for the Pauley operation which was removed. Within 40min of notification Kiewit filled the Pauley pit with millings.	process followed	9/18/2019 7:50:44 AM -06:00	NC-1	This NC-1 was addressed in the Whats APP within the hour. Kiewit Crews backfilled the open trench. The CAT 1 was identified at 7:02 am the trench was backfilled at 7:45 am	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 3:28:47 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Drums and Ty III per the MHT	Conformance	9/30/2019 8:49:16 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	10/18/2019 3:28:43 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Mixing of channeling devices.		11/7/2019 8:51:04 AM -07:00	NC-2	NCR 1659 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Barrels placed at the Ivy Intersection do not allow for proper turn radius of truck traffic.	Barrels adjusted	1/23/2020 9:07:59 AM -07:00	Audit Comment	Ivy and Leyden have been adjusted for turn movements	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		WB I-70 Peoria to Havana: The below issues were noticed and discussed with the TCS & MOT management. The team as agreed to prevent the below issues on future closures. [1] Mid-lane devices were not installed. [2] The shifting movement through the closed lanes for WB Peoria On Ramp entrance was missing cones on the left edge of the shift. [3] The exit ramp opening in the closure for the WB Havana Off Ramp was missing the cones on the right edge of the shifting movement.		12/12/2019 10:56:28 AM -07:00	Audit Comment	Issues were discussed with TCS's in the field	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Several barrels observed with impact damage. Retroreflective material was still present on drums.		8/21/2019 7:23:51 AM -06:00	Audit Comment	barrels are used with minor damage, when major damage occurs they are replaced	Closed

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Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices noted to conform to requirements of plan sheet WMT-2133.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Proper channelizing devices were utilized as specified in the MHTs.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Set up per MHT and MOT plans during closure.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/28/2019 3:25:37 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Sewer Crew utilizing truck parked across travel lane to block traffic. Cars were backed up to Ivy and using Ivy as detour.	NCR written	7/1/2020 12:52:57 PM -06:00	NC-2	NCR 1189 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/25/2019 7:39:16 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Paving crew failed to implement a lane closure on NB Monaco so they could pave the detour pavement tie in for Stapleton S at Monaco. The paving operation encroached into the NB lane of traffic reducing the lane width to less than allowed by the contract. The MOT team was contacted to address the issue since the NB right lane should have been closed.	Field Resolved.	4/20/2020 4:52:45 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		TCDs were in good working condition.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices conformed to the requirements of the PA, MUTCD, MHT, and the project traffic control plan. Vertical panels were placed at proper spacing to allow for adequate merging distance for lane closures.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices observed to conform with requirements of contract specifications, MUTCD, MHT, etc.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices were installed properly, and were in serviceable condition.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/13/2019 2:29:36 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		MHT listed in LCR was #187 Right Lane Closure with snake to left, however MHT implemented was more consistent with #188, left lane closure with lane shift to right. Barrels were in serviceable condition, with correct spacing. Arrow board however had a caution configuration, when MHT 187 and 188 detail for arrow board to direct traffic to open lane.	LCR will be adjusted.	8/20/2019 4:32:13 PM -06:00	Audit Comment	Since the snake was not on the freeway a arrow board was not needed. The TMA was placed to protect the workers, not to direct traffic. MHT 187 and 188 are not for work on non freeway roads and the LCR will reflect that going forward.	Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)	11/21/2019 3:46:54 PM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Traffic drums were installed in place of barrier to delineate work areas for milling crew.	Conformance	11/21/2019 2:03:36 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices conform to the requirements of contract specifications, including MUTCD, and MOT Plan Implementation.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:40:54 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		All devices met MHT and MUTCD requirements.	Conformance	9/7/2019 10:08:18 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Traffic drums were spaced in accordance with MUTCD, however the business access points were not delineated, and drums were found to be in turning radius of access points. Type 3 barriers were not in place according to plans at business access points.	See NCR 1460	9/16/2019 5:19:43 PM -06:00	NC-2	NCR-1460 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Cones were placed with proper taper lengths, and MOT personnel were actively replacing cones that had been tipped over.	Conformance	8/15/2019 9:32:25 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Cones were in serviceable condition, and placed appropriately based on MHT.	Conformance	8/16/2019 9:26:17 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Cones were placed according to MHT, and were clean and in serviceable condition.	Conformance	8/14/2019 6:34:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Traffic Barrels were placed with appropriate taper lengths, barrels were in serviceable condition, and weighted properly.	Conformance	8/16/2019 9:25:39 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM -06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barrier was placed with proper end treatment.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM -06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Impact attenuators were installed at upstream ends of barrier runs.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	9/17/2019 2:58:17 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Improper placement of temporary barrier along SB Brighton Blvd, separating flow of traffic from workzone. Barrier not connected to each other. Please determine if an impact attenuator is needed along SB Brighton as the first temporary barrier is approached by traffic. Type 3 Barricades should have been used for the full length of the intersection. MHT #366 is to be used in conjunction with WMT-2131B which denotes temporary barrier in place and connected.	NCR 1495 Created.	9/19/2019 7:39:00 AM -06:00	NC-2	NCR-1495 was written to resolve this issue	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barrier placed to date in order for switch to occur was observed to be within conformance, including color and retroreflectorization of sheeting.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary concrete barrier with reflective sheeting was placed correctly.	Conformance	12/9/2019 1:17:36 PM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barriers were placed correctly with proper end treatment.	Conformance	1/13/2020 8:10:26 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Conformance	Conformance	10/7/2019 4:06:17 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal	8/13/2019 2:28:33 PM -06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier wall is not installed to the limits of the plans as result the slopes previously protected by by guardrail are exposed to traffic.	1448 created	9/18/2019 7:53:10 AM -06:00	NC-2	NCR -1448 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM -07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barriers called out to be placed on plans were not installed throughout the left shoulder, and intermittently through the right shoulder.	Barrier placed/vs not placed is appropriate for work being completed.	1/23/2020 9:07:34 AM -07:00	Audit Comment	Barrier was not placed where no obstructions were in the clearzone and work had not started.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barriers were placed with proper end treatment.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM -07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barriers were properly placed with proper end treatment.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM -06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Attenuators were placed at ends of barriers.	Conformance	8/19/2019 3:08:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barriers were placed according to plans and specifications.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier on right shoulder west of Dahlia intersection was not present.		8/27/2019 6:01:14 PM -06:00	Audit Comment	Barrier was not needed as no work was being preform, and no obstructions or drop offs were in the clear zone. Barrels were set as delineation	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary placed properly, and with adequate treatment at end sections.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Conformance	Conformance	10/7/2019 4:06:40 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary concrete barrier was correctly placed with proper end treatment.	Conformance	10/28/2019 3:56:32 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Conformance	Conformance	10/7/2019 2:55:44 PM -06:00	C		Closed

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Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/28/2019 3:29:32 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier pins were missing along first 5-10 barriers from the west to the east on mainline I-70 between Quebec and Monaco. Drill bit found half embedded in pin hole on west bound side. IQC failed to notice upon inspection.	See NCR 1187	2/10/2020 4:35:02 PM -07:00	NC-2	This is addressed by NCR No. 1187	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	7/10/2019 2:14:37 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier wall installed incorrectly in front of the hole but did not extend parallel to the hole to separate traffic from the hole.	KMP has a plan of action to move forward from this issue and prevent reoccurrence .	7/23/2019 12:36:28 PM -06:00	Audit Comment	Upon discovery/notification of this event, immediate action was taken to start back filling the excavated area. A crash cushion truck was also immediately mobilized and placed to provide positive protection of the area. The concrete barrier was also removed prior to removal of the attenuator truck. An SOP is also being developed for working near mainlines	Closed

												and will be reviewed with all crews. This item was also discussed with IQC inspectors and staff and additional information will be distributed discussing clear zone requirements.	
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/18/2019 3:28:08 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Impact attenuators were not installed at the upstream end of the east barrier run, closest to the Monaco Off Ramp gore. See requirement 3 for end condition.	See NCR 1617	11/6/2019 1:12:50 PM -07:00	NC-1	NCR 1617		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Conformance	Conformance	10/7/2019 4:07:00 PM -06:00	C			Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Conformance	Conformance	10/7/2019 4:07:00 PM -06:00	C			Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Conformance	Conformance	10/7/2019 2:55:44 PM -06:00	C			Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Conformance	Conformance	10/7/2019 4:06:40 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators are properly located and installed, including filler material within the proper sections.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Attenuators were properly installed and filled with water.	Conformance	8/19/2019 3:08:37 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Attenuators were properly installed, and filled with water.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact Attenuator reflective sleds were placed with the striping reversed. Diagonals should be pointed down and towards traveling lane. The sleds were installed with diagonal stripes pointing down and away from traveling lane.	Fixed 17 Jan	1/23/2020 9:07:46 AM -07:00	Audit Comment	Fixed the following night	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Conformance	Conformance	10/7/2019 4:06:17 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed according to manufacturer specifications.	Conformance	1/13/2020 8:10:26 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators properly located and installed.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were filled properly.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed and filled properly.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs conform to the plans.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Mile marker signs and bus route signs were not installed per plans. See attached MOT Sheets for missing signs.		9/24/2019 7:43:54 AM -06:00	Audit Comment	Discussion was had with CDOT informing them that the permanent signs would not be installed. Safety critical signs will be installed however on temporary stands.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:40:54 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Sidewalk closed, and pedestrian crossing signs at 46th and Baldwin were not observed. At 46th between Franklin and Baldwin, multiple signs are obstructed. The Right lane must turn right sign is obstructed by a tree, and the Brighton detour sign is obstructed by the WB I-70 detour sign. Both detour signs are partially obstructed by a tree.	See NCR 1462	9/24/2019 7:37:55 AM -06:00	NC-2	NCR-1462	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signals on Stapleton N and Monaco were not moved prior to traffic switch. Traffic should not have been switched until signal crews were on site to move signals.	See NCR 1456	9/16/2019 5:22:03 PM -06:00	NC-2	NCR-1456 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signing was in proper location as detailed by MHT, and were proper size and shape.	Conformance	8/15/2019 9:32:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Mile marker signs were not installed. "right lane must exist 500 ft" sign was replaced with "right lane must exit 300 ft" sign. This was noted in the IQC STO checklist. "Central Park 3/4 MI" was placed before Havana St Exit sign, however Havana St sign was permanent overhead sign, not temporary sign as detailed in plans.		11/26/2019 10:28:57 AM -07:00	Audit Comment	Mile Markers are not safety critical signs and prior discussions with CDOT the agreement it they are not needed for traffic shifts. Right lane must exit sign was substituted with 300'. Overhead signs will be installed over the course of the job and the temp signs will be removed after they are up.	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signage placement conformed to plans.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/31/2019 1:09:09 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs conformed to contract.	Conformance	10/16/2019 5:55:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs conformed to plans and standards.	Conformance	8/19/2019 3:08:37 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Road Closed sign at Monaco Intersection is not in proper place, has been shifted out of closed roadway onto intersection shoulder. South side of Monaco intersection has a missing no right turn sign on overhead signal span.		8/20/2019 4:35:33 PM -06:00	Audit Comment	Road closed was placed in proper location but was knocked over. It was fixed to stand up. no right turn was added to intersection.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/25/2019 3:23:04 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Havana Street Exit sign and Central Park Blvd sign were not placed in correct position. According to plans, Havana Street Exit sign is to be placed approx. 200 feet in front of gore, sign was placed approx. 200 feet behind gore. Plans call for Central Park Blvd sign to be placed in gore section, approx 200 feet from beginning of gore, sign is currently placed on right shoulder of exit. Exit 280 with arrow sign missing at gore, message board with exit in place. IQC checklist notes that barrier was not available to protect sign, will replace.		8/20/2019 4:36:14 PM -06:00	Audit Comment	Signs will be fixed under NCR 837. Once barrier was placed the sign was moved and the message board taken down	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		All signs except existing merge sign relocation on sheet EMT 1836 were placed correctly. Plans call for existing merge sign to be placed at end of right side of I70 Barrier.		8/20/2019 4:34:58 PM -06:00	Audit Comment	Merge sign was placed prior to the bridge to be in the most visible location.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs were the appropriate size and shape. and in the appropriate location	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signing was placed in proper location according to plan sheets.	Conformance	8/19/2019 4:13:36 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs noted to be in place were observed to be of proper size and reflective sheeting. See evidence from Requirement #11 noting appropriate locations.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs utilized in the traffic control set-up conform to the contract, including CDOT M&S Standards and MUTCD.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Signals	Electrical	8/14/2019 9:14:54 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		All signs detailed to be mounted on span wires in plan sheet CMT 1703 (Holly and North Stapleton Intersection) were mounted on existing poles.		8/27/2019 5:58:45 PM -06:00	Audit Comment	Acknowledged. The intersection is still under construction and the temp signals are not complete.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		IQC night shift performed an inspection of the detour route and advance warning signs for the closure of the WB Peoria On Ramp. When the department drove the detour route they found the detour route trailblazers on Peoria were obstructed by tree branches. The daytime IQC actually drove the route after being notified of the issues and originally missed the signs on Peoria. The department also noticed the PCMS board for SB shown on the plans being north of 47th was missing. Daytime IQC went looking for the PCMS and found it was located south of 47th near 45th. (Attached is the detour route plan sheet and the IQC nighttime inspection.)	1170 was created	2/13/2020 1:50:36 PM -07:00	NC-2	This is addressed by NCR No. 1170	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Appropriate TCDs were used.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/3/2019 1:20:49 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Do Not Pass signs installed at wrong position at approximately STA 432+00. Central Park and I-70 East signs installed at wrong side of road. I-70 sign is missing arrow attachment. See attached plan sheet EMT-1809. A regulatory speed limit sign (MUTCD R2-1) is posted below the Exit 5 sign. The plans call for a MUTCD W13-1P advisory speed sign.		7/17/2019 10:36:30 AM -06:00	NC-2	NCR 1254 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:15:54 PM - 06:00	Signs installed properly and in satisfactory condition		Do Not Pass sign not installed at station 409+00.	See NCR 1253	9/3/2019 8:31:14 AM -06:00	NC-2	NCR 1253 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly for temporary condition.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signage was observed to be in satisfactory condition, and installed / in-place as planned per each individual MHT.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Signs installed properly and in satisfactory condition		MHT 104: signs at correct location but see item 7	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Signs installed properly and in satisfactory condition		MHT 243	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed in correct locations and orientations as per plans.	Conformance	6/19/2019 3:21:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	Signs installed properly and in satisfactory condition		All signs were placed according to plans except Right Shoulder Closed, 1000 ft sign, which was placed too far west, not at end of gore as according to plans.		7/17/2019 10:35:38 AM -06:00	Audit Comment	Sign was moved up to communicate to traffic on the ramps that the shoulder closure was meant for mainline and not only the ramp	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were properly installed and in a satisfactory condition, as well as placement.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Signs installed properly and in satisfactory condition		[1]"Left Turn Only" signage placed next to signal head at end of EB Brighton Off Ramp was not covered, as no traffic switch occurred at this location. [2] "Left Turn / Thru" signage placed next to signal head at end of WB Brighton Off Ramp should be a "Left Turn Only" signage. No through traffic allowed during this phase. [3] Missing 1 of 2 "Yield" signs at start of WB Brighton On-Ramp for traffic coming from Baldwin Ct. [4] Did not relocate "I-70 West Traffic Can Use I-25 Exit" Signage per WMT-2133. [5] Did not relocate "Stop Here on Red" to location of new, planned Stop Bar per RFC Drawing.	NCR 1552 Created to track issue.	10/10/2019 10:13:48 AM -06:00	NC-2	NCR-1552 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM - 06:00	Signs installed properly and in satisfactory condition		All signs were installed properly.	Conformance	7/15/2019 9:28:37 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		All signs placed according to plans.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Signs installed properly and in satisfactory condition		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Signs installed properly and in satisfactory condition		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Signs installed properly and in satisfactory condition		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	Signs installed properly and in satisfactory condition		Signs were installed properly, and in good condition.	Conformance	8/19/2019 3:08:37 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/31/2019 1:09:09 PM - 06:00	Signs installed properly and in satisfactory condition		Signs were properly installed.	Conformance	10/16/2019 5:55:37 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Signs installed properly and in satisfactory condition		Signs were installed properly.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Signs installed properly and in satisfactory condition		Signs were installed properly and in satisfactory condition	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	Signs installed properly and in satisfactory condition		35 mph sign was not installed. All type 3 barriers called out on plans to be installed at business accesses and intersections were not installed.	Issue Addressed	1/23/2020 9:08:16 AM -07:00	Audit Comment	35 MPH was installed. devices were used rather than type III's for ease of access and delineation	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Signs installed properly and in satisfactory condition		At the S Stapleton and Monaco Intersection, the north side of the intersection Right Turn Only sign was turned so that it did not face oncoming traffic.	See NCR 1457	9/16/2019 5:20:37 PM -06:00	NC-2	NCR 1457 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Signs installed properly and in satisfactory condition		[1] Sidewalk was not properly signed and closed on East side of Brighton Blvd at 44th Street. Per Sheet WMT-2136A (FDC-197) Note 2 this should have been completed. [2] "I-70 West Traffic Can Use I-25 Exit" Signage has not been relocated to proper position per plan. This was documented within NCR Number 1552. Disposition stated signage would be relocated by October 11. Has not been completed to date. [3] I-70 East / West Directional Signage along NB Brighton behind Arrow Board was not relocated per WMT-2136A. [4] "National Western Parking" Signage down and not upright per WMT-2136A.	NCR-1686 Created to Track	11/27/2019 7:24:45 AM -07:00	NC-2	NCR -1686 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	10/18/2019 3:28:43 PM - 06:00	Signs installed properly and in satisfactory condition		Sign placement was not double indicated in the morning hours. Then observed early afternoon that the missing sign was placed. Note: Sorry for the picture quality.		11/7/2019 8:51:00 AM -07:00	Audit Comment	Sign placement was rolled over to day shift who finished placing the signs.	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	10/18/2019 3:28:43 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Shadow vehicle #2 missing per TA-35 of CDOT Work Zone Safety Guidelines.		11/7/2019 8:51:09 AM -07:00	NC-2	NCR 1659 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/3/2019 10:19:38 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		As noted in item 2 the correct signage was not in place for the flagger on E 46th Ave.	Closed	9/18/2019 7:47:39 AM -06:00	Audit Comment	Individual in traffic is not a certified flagger and MOT was not aware therefore no signage was in place	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/3/2019 10:19:38 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The NB Monaco right lane closure at Stapleton N did not have the proper signage & arrow boards per the approved MHT.	1469 created	9/18/2019 7:47:22 AM -06:00	NC-2	NCR-1469 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:29:56 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		A TMA was observed blocking the right lane of I-70 on the morning of 9/11/19 (end of night shift beginning 9/10/19). This crew was working on placing drums to close the right shoulder of I-70 where barrier wall was removed by night shift. This TMA did not have a second shadow vehicle displaying a right lane closed sign upstream from the TMA closing the lane per the approved MHT.		10/4/2019 3:05:25 PM -06:00	NC-2	NCR -1491 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs conformed to MHT.	Conformance	8/16/2019 9:26:17 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		All advance warning signs were present, and followed MHT.	Conformance	8/14/2019 6:34:19 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/18/2019 4:41:01 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The equipment move did not have a TMA following the slow moving vehicle on EB I-70	NCR 1596	12/9/2019 8:59:11 AM -07:00	NC-2	NCR 1596 Created	Closed

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Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 3:28:47 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		(2) The planned detour trailblazer signs for the WB On Ramp closure had an East placard on them. The plans show the placard should be West. (3) Detour Ahead signs were not installed. (4) The NB PCMS south of 40th was not turned on. (5) The SB PCMS between 46th and I-70 was missing.	confirmed NCR	10/11/2019 8:42:34 AM -06:00	NC-2	NCR-1561 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/8/2019 4:31:05 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The WB Exit 279A sign should be located in the gore per the TCPs to meet MUTCD. The sign was moved to the shoulder of WB I-270 ramp. Attached is a plan sheet and photo.	Verified NCR 1581 was opened for this issue.	4/13/2020 2:10:15 PM -06:00	NC-2	see NCR 1581	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	10/8/2019 4:31:05 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		(1) The WB Havana Exit Only sign was placed on the right should of WB Havana exit after the exit. The sign should have been placed prior to exit giving drivers proper warning per EMT-1839. Attached is a photo and the plan sheet. (2) The WB Exit 280 30mph sign was also not installed per plan being approx. 200' west of the gore. Attached is a photo.	Verified NCR 1581 was opened for this issue.	4/13/2020 2:10:19 PM -06:00	NC-2	see NCR 1581	Closed

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Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/13/2019 2:29:08 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Right/Left shoulder closed signs were not observed.		8/20/2019 4:32:49 PM -06:00	Audit Comment	Shoulder closure was an extension of a current closures so existing signage was sufficient to cover the closure.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		WB I-270 Central Park off Ramp to Central Park On Ramp: Signs conformed to the MHT although after discussing with the MOT team is was determined that a right lane closure with a snake may be a better choice due to the close proximity to the striped reverse curve.		12/12/2019 10:56:22 AM -07:00	Audit Comment	Closures are reviewed with a map with MOT superintendents and TCS at 5pm each night	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/Surface Removals	Removal	7/16/2019 4:07:53 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		No clear detour route was provided for Oneida St. Detour arrow sign was placed on removed surface, further east than road closed barrier. Regular traffic was observed driving past road closed barriers, through removed surface to enter Oneida. No detour or road closed barrier was observed on Oneida heading North Bound.	See NCR 1274	8/14/2019 7:52:54 AM -06:00	Audit Comment	NCR 1274 self reported	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Two items were noticed on the drive and sent to the MOT team. [1] The PCMS for SB Peoria was placed further north than shown on the plans. Having it further north may reduce its effectiveness in reaching the majority of drivers. [2] The detour sign placed on I-70 WB directing drivers to exit at WB Havana was placed beyond the exit opening. As a result drivers were given late noticed to exit. This sign was also placed roughly 26 (single lane + aux lane) -38' (double lane + aux lane) from the live lane. It would be better to move this sign closer to traffic and prior to the exit opening allowing drivers to react.	closed	9/18/2019 7:46:32 AM -06:00	Audit Comment	PCMS was moved to south to best reach drivers. Due to the work zone the sign was farther off the road. Once work was completed it was moved to be in the correct position.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs conform to the approved MHT #367 for I-70 Mainline Shutdown btwn Steele & I-270.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	7/1/2019 8:31:34 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Missing detour for NB/SB Steele from 48th to WB on Ramp. As a result traffic was detoured west on 48th through the neighborhood. Missing message board for the WB Steele off ramp detour per the TCPs.	Addressed through NCR 1151	4/20/2020 11:48:50 AM -06:00	NC-2	This issue will be resolved through NCR 1137	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs conformed to those specified in the MHTs, including all detour signage in place.	Conformance	7/1/2019 12:48:55 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signage was in conformance.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		MHT 243: The Merge sign on the WB Peoria Off Ramp was only posted on the right. In the future the merge sign should be posted on the left and right.	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		MHT 104: IQC inspected the closure and failed to notice that the first sign was the incorrect sign. Crews installed a Road Work Ahead sign instead of a Right Shoulder Closed Ahead sign as shown on the MHT. (See items attached)	NCR written	10/23/2019 10:23:48 AM -06:00	NC-2	NCR 1213 was issued	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM -06:00	Check that the signs are clean, legible, and in good repair.		MHT 243	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		TCDs were in good working condition.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM -06:00	Check that the signs are clean, legible, and in good repair.		MHT 104	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		All signs were clean and visible.	Conformance	6/19/2019 3:21:18 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM -06:00	Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	6/18/2019 3:56:06 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM -06:00	Check that the signs are clean, legible, and in good repair.		All signs were clean and legible.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Signs were observed to be clean, legible, and in good working condition.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structure Removal	Removal		Check that the signs are clean, legible, and in good repair.		Sign was removed from existing cantilever structure, and replaced on a temporary structure.	Conformance	11/2/2020 3:48:35 PM -07:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM -06:00	Check that the signs are clean, legible, and in good repair.		Signs observed to be clean, legible, and in good working condition.	Conformance	9/27/2019 7:04:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		All signs were clean and legible.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM -06:00	Check that the signs are clean, legible, and in good repair.		Signs were legible and clean.	Conformance	7/15/2019 9:28:37 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM -06:00	Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM -06:00	Check that the signs are clean, legible, and in good repair.		WB I-270 Central Park off Ramp to Central Park On Ramp	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM -06:00	Check that the signs are clean, legible, and in good repair.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/25/2019 3:23:04 PM -06:00	Check that the signs are clean, legible, and in good repair.		All signs are clean and legible.	Conformance	7/25/2019 9:17:47 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM -06:00	Check that the signs are clean, legible, and in good repair.		All signs were clean and legible.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/13/2019 2:29:08 PM -06:00	Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	8/13/2019 8:09:26 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM -07:00	Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/31/2019 1:09:09 PM -06:00	Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	10/16/2019 5:55:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Check that the signs are clean, legible, and in good repair.		All signs were clean and legible.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Check that the signs are clean, legible, and in good repair.		All signs posted were clean and legible.	Conformance	9/5/2019 9:42:43 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Check that the signs are clean, legible, and in good repair.		Detour signage in place was not cleaned properly and was not in an acceptable condition to be used to detour traffic during Brighton traffic switch operations.	NCR-1686 Created to Track	11/27/2019 7:25:59 AM -07:00	NC-2	NCR -1686 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Temporary Signage properly in place appeared to be adequately weighted and mounted.	Conformance	11/5/2019 9:00:44 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Signs were properly mounted or weighted.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Signs were properly mounted and weighted.	Conformance	9/17/2019 8:17:10 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/31/2019 1:09:09 PM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Signs were properly weighted, and mounted at correct heights.	Conformance	10/16/2019 5:55:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Temporary signs were weighted properly.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/26/2019 10:55:26 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		WB I-70 Peoria to Havana	Conformance	7/26/2019 9:17:06 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		Conformance	Conformance	7/26/2019 10:27:25 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		All signs were weighted properly with sandbags.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Temporary signage was observed to be properly weighted/ supported, mounted, and at proper height.	Conformance	9/23/2019 12:44:00 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		All signs and temporary barriers were weighted down properly with sandbags, or mounted securely to barrier.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		MHT 104	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/3/2019 7:22:06 AM - 06:00	Check that temporary signs are properly weighted, mounted, and at the correct height.		MHT 243	Conformance	7/2/2019 9:00:41 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Signs were installed properly for temporary condition.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Conformance	Conformance	7/8/2019 9:55:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	6/19/2019 9:11:24 PM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		IQC failed to identify that existing conflicting signage was not covered.	1170	2/13/2020 1:50:54 PM -07:00	NC-2	This is addressed by NCR No. 1170	Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	7/26/2019 10:51:17 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		The existing blue I-70 East sign on NB Peoria was not masked.	closed	9/18/2019 7:46:35 AM -06:00	Audit Comment	Was discussed with the crew. For future full closures conflicting signage will be covered as needed.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Conflicting signs were masked.	Conformance	8/19/2019 4:13:36 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Conflicting signs were masked.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 3:28:47 PM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		(1) I-70 East Detour signs from a previous closure were in place creating confusion for drivers.	confirmed NCR	10/11/2019 8:42:42 AM -06:00	NC-2	NCR-1561 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:40:54 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		On NB Brighton, at the WB Off Ramp intersection, the left turn only sign was partially uncovered.		9/17/2019 4:58:08 PM -06:00	Audit Comment	Sign was rebagged 9/12/19 as the cover came loose	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/5/2019 4:17:46 PM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		On S Stapleton and Monaco, a Left Lane Must Turn Left sign facing NB Monaco was not properly masked.	See NCR 1456	9/16/2019 5:22:19 PM -06:00	NC-2	NCR-1456 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		"Right Lane Must Turn Right" signage was not removed or covered properly per WMT-2136A.	NCR-1686 Created to Track	11/27/2019 7:26:24 AM -07:00	NC-2	NCR -1686 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Confirm that that sign and barricade sheeting placed on the project is in compliance with the CDOT Construction Zones Retroreflective Sheeting Materials Guide.		Appropriate TCDs were used.	Conformance	7/2/2019 9:00:05 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:31:26 PM - 06:00	Fluorescent orange-red or fluorescent yellow-green hardhat and vest of the proper type of material		On 9/10 the flagger was moving a drum across the open travel lane of Stapleton S/E46th in front of Eagle Claw without a safety vest on.	Ncr written	10/2/2019 8:40:57 PM -06:00	NC-2	NCR-1508 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/3/2019 10:19:38 AM - 06:00	Check that proper flagging methods are being used.		The flagger for equipment moving material across E 46th Ave did not have the proper equipment for the work, advance warning signage, & was in a live lane without facing traffic.	1469 created	9/18/2019 7:47:26 AM -06:00	NC-2	NCR-1469	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:42:04 AM - 06:00	Check that proper flagging methods are being used.		Flagger did not use paddle provided, instead using only hand gesture motions. Work crew foreman instructed flagger multiple times to move to a more visible location, and use approved flagging methods, however flagger did not follow instructions.	See NCR 1549	10/10/2019 8:48:40 AM -06:00	NC-2	NCR-1549 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:41:30 AM - 06:00	Check that proper flagging methods are being used.		Multiple times throughout the day, flaggers were observed either not at assigned stations, or not actively watching for oncoming traffic in a 1 lane road operation.	See NCR 1547	10/10/2019 8:49:45 AM -06:00	NC-2	NCR-1547 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/27/2019 8:42:04 AM - 06:00	Check flagger location as follows: a. Flagger facing oncoming traffic? b. Visible to oncoming traffic? c. Proper distance in advance of work? d. Flagger's station illuminated if working at night?		Flagger was standing in shade behind stop sign, obstructed from traffic.	See NCR 1549	10/10/2019 8:48:43 AM -06:00	NC-2	NCR-1549 Created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:31:26 PM - 06:00	Check flagger location as follows: a. Flagger facing oncoming traffic? b. Visible to oncoming traffic? c. Proper distance in advance of work? d. Flagger's station illuminated if working at night?		On 9/6 the flagger was not at his post while equipment & personnel were occupying the travel lane of E 46th Ave. Motorists stopped in the travel lane due to workers and equipment in the lane. While this was occurring the flagger was not present. The flagger returned to his post, finished his drink, and then started flagging. During the flagging the flagger walked vehicles up and around the operations. Attached is a photo of the flagger escorting vehicles on foot around the operation.	Ncr written	10/2/2019 8:41:09 PM -06:00	NC-2	NCR-1508 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/10/2019 12:01:00 PM - 06:00	Check flagger location as follows: a. Flagger facing oncoming traffic? b. Visible to oncoming traffic? c. Proper distance in advance of work? d. Flagger's station illuminated if working at night?		Flagger was not present at the NB Forest intersection to S Stapleton while excavator was in intersection. As a result, no traffic control was present between equipment, work zone, and traffic turning onto S Stapleton. All flaggers left work zone at 3:30. At approximately 3:30, foreman was contacted about unsafe work zone protection, and foreman decided to stop work immediately.	NCR written	6/3/2021 12:50:39 PM -06:00	NC-1		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	9/12/2019 4:27:58 PM - 06:00	Check flagger location as follows: a. Flagger facing oncoming traffic? b. Visible to oncoming traffic? c. Proper distance in advance of work? d. Flagger's station illuminated if working at night?		No signage was used, MHT or LCR submitted for flagger on S Stapleton and Kearney 6 Sept. This was first reported by department at 1130 via WhatsApp MOT Message Group. MOT did not address until 530PM 6 Sept, however MOT did generate an NCR.	See NCR 1447	9/27/2019 8:10:10 AM -06:00	NC-2	NCR -1447 Created	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Existing concrete paving was removed by sawing and cutting to facilitate the operations in a neat line. The material was removed and relocated to concrete stockpile for concrete crushing operations.	Conformance	11/12/2019 8:39:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		All concrete was stockpiled for salvage and the sawing/cutting/breaking of concrete was to a neat line.	Conformance	11/8/2019 8:52:04 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt edge was sawcut to facilitate controlled breaking and removal.	Conformance	8/8/2019 2:32:36 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		removed per plan	Conformance	10/31/2019 7:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		removed per plan	Conformance	10/31/2019 7:39:13 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Sawcutting and removal of asphalt and concrete is being completed in a neat line, and material is being loaded, stockpiled, and salvaged for other work where it is permissible.	Conformance	3/3/2020 8:34:58 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Sawcutting of existing PCCP paving was performed in conformance with the limits needed to facilitate the work in the area, and future work consisting of new PCCP. The excavated and removed concrete was relocated by haul trucks to stockpile to be crushed and used elsewhere on the project where appropriate.	Conformance	9/20/2019 9:49:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		The area was repaved with asphalt, covering any damage that was possibly done by barrier wall removal.	Conformance	10/7/2019 4:07:39 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Demolition of existing concrete paving was performed per plan and material was removed from the location to be stockpiled for future concrete crushing operations	Conformance	10/1/2019 4:13:01 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was cut in clean lines to concrete curbs. Asphalt removal was full depth to subgrade. Business access routes were maintained.	Conformance	7/22/2019 7:57:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was removed to proper depth and extents.	Conformance	8/12/2020 12:21:15 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal	7/16/2019 4:07:53 PM - 06:00	It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was cut to neat lines at all curbs, and ends of cut. Asphalt material was removed to underlying subgrade.	Conformance	7/16/2019 8:26:15 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		removed per plan	Conformance	10/31/2019 7:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Millings from removed asphalt are being utilized elsewhere at various locations project wide for temporary stabilized ground for parking, laydown yards for equipment and material, etc. Milling is being performed in neat line up against existing curb & gutter which is also to be removed and concrete crushed.	Conformance	9/6/2019 9:55:15 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design was previously reviewed and approved by IQC.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed was reviewed and approved by IQC.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design was reviewed and approved by IQC.	Conformance	7/31/2019 7:46:29 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design used was reviewed and approved by IQC.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The mix design was reviewed and approved by IQC. See the attached documents.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design has been reviewed and approved by IQC.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete has been reviewed and approved by IQC.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix design was previously reviewed and accepted by IQC.	Conformance	8/26/2019 4:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed was reviewed and approved by IQC.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed was reviewed and approved by IQC.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The contractor used a IQC reviewed and approved concrete mix design.	Conformance	7/22/2019 12:35:36 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix design has been reviewed and approved by IQC.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix design has been reviewed and approved by IQC.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design for Class D has been reviewed and approved by IQC.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design was reviewed and approved by IQC.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		<div>The concrete mix design being uses was reviewed and approved by IQC.</div>	Conformance	9/17/2019 9:39:07 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design has been reviewed and approved by IQC.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design has been reviewed and approved by IQC.	Conformance	3/12/2021 1:16:02 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete places has been reviewed and approved by IQC.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design (9608828) has been reviewed and approved by IQC and Third Party (UPRR).	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Class D mix design was approved in Aconex by IQC.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design used is an IQC approved design.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design used is less than two years old.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design being used is not more than 2 years old.		Mix Design being used is not more than 2 years old.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Concrete mix design being used is not more than 2 years old.		The BD mix design was approved within the last two years.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	The Concrete mix design being used is not more than 2 years old.		Please reference comment #1. The new mix design and substitution was approved through RFC-000155.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design being used is not more than 2 years old.		<div>The concrete mix design being used is less than two years old.</div><div></div>	Conformance	9/17/2019 9:39:07 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than two years old.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		Concrete mix design being utilized is not more than 2 years old.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		Concrete mix design to be utilized is not more than 2 years old.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is not more than two years old according to the mix design sheet.	Conformance	7/22/2019 12:35:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than two years old.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than 2 years old.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The Concrete mix design being used is not more than 2 years old.		Concrete mix design is not more than two years old.	Conformance	8/26/2019 4:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		Concrete Mix Design being utilized is not more than two years old.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The Concrete mix design being used is not more than 2 years old.		The mix design was approved on 9/7/2018. See comment #1 attachments.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		I checked the concrete mix design and it was less than 2 years old.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Concrete mix design being used is not more than 2 years old.		Concrete Mix Design being utilized is not more than two years old.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old according to the mix design sheet.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		The use of approved accelerating, retarding or hydration stabilizing admixtures to existing mix designs will be permitted at the discretion of IQC when documentation includes the following: (1) Manufacturer's recommended dosage of the admixture (2) A letter stamped by the Concrete Mix Design Engineer approving the changes to the existing mix design.		Use of modified S-40 Concrete Mix for Fly Ash, Air Content, and Admixtures was reviewed and approved by IQC and Third Party UPRR.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Batch Tickets have been collected for each truck.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Batch tickets were collected by PC.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		I observed the contractor collecting batch/delivery tickets for each load of concrete and none were rejected.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch/delivery tickets for each load of concrete and none were rejected.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected both of the batch/delivery tickets and no concrete trucks were rejected.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		I observed the contractor collecting batch/delivery tickets and there were no trucks without tickets.	Conformance	7/22/2019 12:35:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Batch tickets were collected by the contractor for each load of concrete (3).	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Contractor has collected all batch tickets from concrete trucks.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Each load had a batch ticket that was collected and there were no loads that arrived without a ticket.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Required information is provided on each batch ticket from each truck driver.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Required information as listed within the requirement were provided on each batch ticket.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		The correct information was provided on the tickets that I observed.	Conformance	7/22/2019 12:35:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		I checked the three concrete tickets and the information in the specifications was included on each ticket.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		The checked several of the tickets and the correct information was supplied on each ticket.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Batch ticket with completed information was supplied by trucker.	Conformance	8/16/2019 9:27:06 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Batch tickets were supplied with necessary information.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor was adding the correct information to all of the tickets.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added the correct information to the batch/delivery tickets that I checked.	Conformance	7/22/2019 12:35:36 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The Contractor was adding the required information to the batch/delivery ticket at the placement site.	Conformance	9/17/2019 9:39:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete has been placed within the allowable timeframe for delivering in an agitating truck.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete placement operations took place within the allowable timeframe for the use of Type D Concrete.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was poured within time limitations.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was rejected due to air entrainment requirements, and time requirements to add admixtures to mix.	Conformance	8/16/2019 9:27:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within allowable timeframes.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete placed within allowable timeframe limits.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		The mixing truck was discharged within spec and within the 90 minute time frame.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		The truck remixed its load before it was discharged into the pump truck.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete Mixer Truck remixed a minimum of 20 revolutions at mixing speed upon arrival to the site, prior to any discharge.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		When water was added to the mix at the site, a minimum of 20 revolutions of the mixer at mixing speed was performed prior to retesting of the concrete properties (slump, air, etc.).	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		5 gallons was added to each truck and the load was remixed before discharge.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		All of the trucks that I checked had a water measuring device in functioning in a proper manner.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		All the concrete trucks that I observed had a functioning water meter in good condition.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		I checked several of the trucks and a water measuring device in good condition was on each truck.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		The Contractor had one load of concrete arrive at the project with low air. The same type air admixture used at the batch plant was added to that load and mixed according to specifications, bring the air content into the required range.	Conformance	9/17/2019 9:39:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and sufficiently rigid to resist distortion due to the pressure of the concrete and other incidental loads such as vibration.	Conformance	9/17/2019 9:39:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads including vibration.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms placed around the column cages are mortar tight and sealed to ensure no distortion due to the pressure of the concrete within the forms.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Some of the overhang forms were not mortar tight but were monitored by Lawrence while over areas with traffic. The contractor should seal these in the future as there was some confusion with IQC about having a MRR and a materials certification for the sealing material.	The issue was acknowledged.	6/18/2019 6:49:00 AM -06:00	Audit Comment	Acknowledged discussed in the Deck De-brief meeting.	Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight throughout the placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The side and overhang forms were mortar tight, and sufficiently rigid and braced to prevent distortion.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms and all were mortar tight, sufficiently rigid and shored to prevent distortion due to the pressure of the concrete and other loads including vibration.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms installed were mortar tight and sufficiently rigid enough to prevent distortion due to concrete loading during placement operations.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms observed to be mortar tight and adequate enough to prevent distortion due to the pressure of the concrete and other loads during placement operations and the curing process.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The barrier rail forms being used were made of steel and were mortar tight and sufficiently rigid to prevent distortion of any kind.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are sufficiently rigid to prevent distortion during the placement operations, and throughout the curing process.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I checked the forms as I was checking the rebar and they were mortar tight and sufficiently braced to prevent distortion from any loads.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were observed to be mortar tight.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were installed to be sufficiently rigid to prevent distortion throughout the concrete placement operations and curing.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and rigid.	Conformance	2/24/2020 3:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are sufficiently rigid and mortar tight to best prevent distortion from concrete loads within.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		it was observed that all forms were mortar tight before and during placement of concrete.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The structural slab edge forms were rigid. Due to the nature of the placement, the edges were not mortar tight. The gaps between the girders were filled with backer rod and/or expansive foam which were mortar tight. Reference photos in comment #5.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms are mortar tight and sufficiently rigid to prevent distortion.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently rigid to prevent any distortion due to pressure loads within the formwork during concrete placement operations.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and of sufficient strength/bracing for the loads incidental to concrete operations.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and rigid.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms have been well maintained and constructed to prevent opening of joints.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed so that joints would not open.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms are being maintained to prevent the opening of joints.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The forms that were used were metal. Opening of the form joints was not observed during my observation.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The forms used were made of metal and bolted together, preventing the opening of any joints.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms being utilized for the pier cap are being maintained.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms are maintained to prevent opening of joints due to shrinkage of any lumber. Twisted wire loops are not being used to hold forms in place.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms maintained to prevent opening of joints, and to ensure quality finished product.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Metal forms are being utilized for placement of concrete for columns. These forms have been maintained to prevent any chance of opening of joints due to shrinkage of the lumber.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		"The inside surfaces of the forms have all been cleaned and any dirt or material prior to the placement of concrete.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were mostly clean but we had the contractor do some additional cleaning during the rebar inspection.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and adequate for placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were clean and the contractor sprayed the ground with water to prevent it from absorbing moisture from the concrete.	Conformance	9/17/2019 9:39:08 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside of forms are cleaned of all dirt and foreign material prior to placement around cage.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms used were of all new material and were clean.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of diaphragms and top of deck were cleaned and free of foreign debris prior to concrete placement.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surface of the forms had been cleaned and I observe no deleterious materials in them.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside of forms were cleaned of foreign material, including any dirt or debris, prior to any concrete placement.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I checked the forms before the concrete pour started, and all were clean of any deleterious materials.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Surfaces of the formwork are being maintained, and cleaned of all excess material prior to concrete placement.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I received a phone call from IQC inspector Alex Chapman on Monday, July 15th at 6:13pm. He had finished his IQC inspection just prior to the phone call. Removing debris from the placement area was his biggest take away from his inspection. When I arrived onsite at 6:30am the following day. The crew had removed all of the foreign material.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		All surfaces of the forms were clean and free of foreign materials.	Conformance	2/24/2020 3:41:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were cleaned of all excess material prior to the placement of concrete.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The formed areas were clean and free of foreign material. (Abutment 1 & 3 Diaphragms, Pier 2 Closure Pour)	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		before concrete placement started the crew cleaned all trash and foreign objects out from the forms.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces are cleaned of dirt and foreign material, including trash.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms have been cleaned of all foreign material.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were clean and free of any deleterious materials.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean prior to placement.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms are clean and free of deleterious materials.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		All the surfaces of the forms were clean and free of foreign materials.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Form surfaces have a thorough coating of an approved form oil from the approved products list.	Conformance	1/15/2020 2:14:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Form oil used to thoroughly coat the formwork to be removed.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The inside of the forms were coated in form oil before the forms were installed on Wednesday, 10/23/2019.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were coated in form oil before the placement of concrete.	Conformance	2/24/2020 3:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		From visual observation, form oil was adequately sprayed across the form surface.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		I checked the forms before the pour and all had been liberally coated with a form oil from the approved list.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		An approved form oil was used to coat the forms prior to use.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The contractor sprayed the overhang and edge forms with an approved form oil.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly treated with oil prior to use and placement of concrete.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		There was left over form oil from a previous placement. Form oil was not adequately sprayed across the contact area.		7/15/2019 4:29:58 PM -06:00	Audit Comment	Acknowledged. PC will discuss with the foreman during pre pours.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated thoroughly with an approved form oil.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Form oil applied as required on all column forms.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete operations did not begin until all work connected to placement of the column cage, splicing, and placement of forms was completed and inspected by IQC.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All of the forms were connected appropriately. All embedded items were secure well before the placement. The placement was originally scheduled for Monday, June 24th at 12:00pm. From form layout issues the initial scheduled placement was cancelled. It was rescheduled for Tuesday, June 25th at 9:00am.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		No concrete was deposited in the forms until the forms were completely built and finished.	Conformance	9/17/2019 9:39:08 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms was completed before the placement of concrete and all embedded rebar was placed.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete placement commenced only after all work connected with the forms and any other additional material needed was completed.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work associated with activity was completed, and inspected and approved by IQC.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work was completed before concrete was deposited in the forms.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms had been completed before concrete was placed.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until the required work was completed and approved, including material used, and clearances once all formwork was in place.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All of the form work installation was complete before I conducted my inspection.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete placement did not begin until all forms and material were in place, inspected, and approved as per the plans.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work was completed with the reinforcement and formwork prior to any concrete being deposited into the formwork.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete placement operations did not commence until all material specified on the plans was in place, and all formwork placement was completed.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All of the forms were completed before the placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All the appropriate supports and connections were completed before the placement.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited within the formwork until all work connected with constructing the forms and required material within has been completed, inspected, and approved by IQC. (Pier 4 Shafts 43 & 44)	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All forms were complete prior to the placement of concrete.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All rebar was placed and tied prior to pour.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.		Forms included chamfer on all exterior corners.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms have been chamfered per approved plan with a 3" typical at each corner.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfers were installed on all exterior edges, along the top, of the abutment as shown on the plans.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All chamfered edges were placed before the placement.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All longitudinal corners had a chamfered edge.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All forms had chamfer at the top and and at all corners.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Edge of deck was chamfered as shown on the plans for aesthetics.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer was installed at the top of the placement in accordance with the plans.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Aesthetic fenestration in placed on each column as shown on the plans.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Deck side forms had the necessary chamfer in the correct locations.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal rods inside pvc sleeves were used as form ties. Once the forms are removed. The pvc sleeves will be cut back and filled with approved material.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms treated with form oil or an approved release agent compatable with the finish coatings		The concrete forms were treated with a form release agent from the approved products list.	Conformance	9/17/2019 9:39:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms treated with approved form oil that is compatible with finish coatings.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		The forms were treated with a form oil from the approved products list.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms treated with form oil compatible with form removal.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were moistened prior to placement.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		A crew member used a power washer with a wide angle tip to spray all formed surfaces as well as the girders.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to placement.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately prior to concrete placement within them.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		The contractor used a pressure washer to spray a water mist on all wood forms before concrete was placed.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood form work was used to bridge a small area. From visual inspection, the forms were not sprayed with water prior to placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		All wood forms, concrete panels and concrete beams were thoroughly moistened with water before placing concrete.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All falsework drawings, including revisions, shall be prepared by the Contractor's Engineer, shall meet the requirements of subsection 601.11, and shall be provided by the Contractor to the Engineer for record purposes only. The drawings shall be signed and sealed by the Contractor's Engineer.		Falsework installed for concrete placement of the pier cap was previously provided and approved for use.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Falsework remained in place until the minimum 0.80f'c of compressive strength was obtained by maturity meter reading.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Falsework for the Clayton Pier #2 Cap remained in place until minimum concrete compressive strength was achieved.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Girders shall not be erected onto such pier caps until the concrete in the cap has attained the compressive strength of at least 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Girders were not erected onto Columbine Pier #2 Cap until the compressive strength reached was atleast 0.80f'c, as read by the maturity meters in place.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The corrugated metal sleeves were placed in accordance with the plans and specifications.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		All of the corrugated galvanized steel post-tensioning ducts were installed to plan.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials (expansion joints) were placed and adequately secured.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Denver Waterline block outs, deck manhole block outs, and light pole rebar were installed and adequately secured.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The corrugated steel post tensioning blockout was adequately secured before placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials and blockouts (deck drains and utility blockout) were in place and adequately secured.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		No other block outs were required. The dance floor support block out was included in each column.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		Wall Drainage holes at CIP Wall 401-W2 were not placed at proper locations and elevations, resulting in holes having to be cored. No repair procedure in place to address these incorrect hole voids, as well as the aesthetics on the front face of wall at these locations where they have been plugged.	NCR 1582 Created to track this issue.	10/8/2019 12:42:26 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Drainage and weep holes at proper locations and elevations		No drainage or weep holes were required in this placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Horizontal joints in adjacent form liner sections shall be offset by no less than one foot vertically. The form liners shall be properly aligned to limit visible horizontal and vertical joints in the concrete.		All forms were placed to ensure all horizontal and vertical joints were aligned.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		At the Pre-pour Conference, the Contractor shall submit the location where maturity meters will be placed.		A pre-pour inspection was completed before placement on Columns C-23, C-24, C-25 and C-26.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	At the Pre-pour Conference, the Contractor shall submit the location where maturity meters will be placed.		The locations for the maturity meters were provided in the thermal control plan: Mid-Center, Top-Center and Ambient.	An NCR was generated.	4/4/2020 2:14:17 PM -06:00	Audit Comment	NCR 2051 will address all issues identified in the thermal control plan.	Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was provided in the placement to ensure the concrete was maintained within the prescribed temperature range.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were placed in forms prior to placement.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor has provided maturity meters and all necessary wires and connectors. (Pier 4 Shafts 43 & 44)	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were included to track internal temperature during curing.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was placed within the placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor has provided and installed the maturity meter and all necessary wires and connectors.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided and placed maturity meters, wiring and all necessary connectors.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters and all necessary wires and connectors were provided by the contractor.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters and additional wires were provided by the contractor and installed in each column.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meter, and all necessary wires/connections, were noted to be installed.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were placed in forms.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor provided the required wires and connectors for maturity meter in place.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		the contractor provided a maturity mater along with all hardware needed. it was observed that the maturity meter was placed on the top rebar mat during concrete placement.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		I observed a maturity meter installed with the necessary wiring and connectors.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity Meters were placed within the placement.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided all necessary wires and connectors for the maturity meters to be installed.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor provided necessary wires and connections for the use of maturity meters installed.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided and installed maturity meters and all necessary wiring and connectors.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor provided all necessary wires and connectors needed for maturity meter installed.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms for Columbine Pier #2 Cap were not removed until the concrete is strong enough to withstand damage when forms are removed. Minimum concrete strength needed was determined by maturity meters.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms of the structure were not removed until the concrete was strong enough to withstand damage. Concrete strength was determined by maturity meters.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were not removed until the required compressive strength of at least 1,000 psi, as specified for column form removal.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were not removed until the concrete was strong enough to withstand damage, as dictated by maturity meters installed.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Pier 2 Column forms were not stripped until minimum 1,000 psi compressive strength was obtained.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms are not removed until concrete compressive strength is strong enough, as determined from maturity meters in place.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength is being determined by maturity meters installed in columns.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Compressive strength of concrete placed for columns being determined by maturity meters as required.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Concrete Cure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete maturity meter installed and utilized to determine concrete compressive strength.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete strength was determined by maturity meter installed, which also designated when forms may be removed.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength to be determined with maturity meter for the 90' section of footer placed this date at wall 404-W3.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		The lowest compressive strength, as read from the two maturity meters in place, was utilized to determine when the forms could be removed.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Cylinders were created, including additional cylinders, however, were not utilized to determine when the forms were to be removed.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Cylinders were taken during testing, however, were not used to determine when form removal could take place. This was determined through maturity meter installed.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Forms were not removed based off of acceptance cylinders for concrete compressive strength. Only the maturity meter will control the form removal.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Form removal operations did not proceed until minimum compressive strength was reached per the maturity meter.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Removal of forms did not take place until required compressive strength was reached, as determined by maturity meter in place.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Removal of forms did not proceed until maturity meter readings were taken and concrete was noted to be at or above minimum compressive strength required.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Removal of concrete forms was determined by maturity meters and no forms were removed until indicated by the readings from the meters.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters in place controlled field operations, including when it was acceptable to begin removal of forms and supports.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Forms were not removed until the maturity meters released the work to continue for removal of forms and any falsework.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Removal of forms is not commencing until maturity meters have been read and required compressive strength has been met.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forming materials shall be removed when permanent access is available to portions of structures.		Forms were removed when permanent access was available, and the concrete was cured, as determined by the maturity meters.	Conformance	7/22/2019 1:41:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Deck slab forms between girders shall be constructed with no allowance for settlement relative to the girders.		Deck slab forms were included underneath the manholes. Bolts were drilled through the precast deck panels to hold the plywood flush against the placement surface.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		the Contractor shall present a concrete winter protection plan for acceptance by the Engineer.		Winter protection plan was discussed and approved by IQC and EOR during pre-placement conference.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/21/2019 10:23:43 AM - 07:00	plan shall contain information on the number and type of heat sources to be used, a sketch detailing the enclosure materials, and all other pertinent information.		A repair procedure for unforeseen drilled shaft defects was not submitted for approval. The work progressed without the issue being properly addressed. Please reference the attached photos.	1798 was written	1/2/2020 9:42:24 AM -07:00	NC-2	NCR 1798 was written to track the additional repairs required for the lower sections of this shaft. NCR 1579 was written to track this shaft back in October. And the Designer asked to keep it open for the entire shaft excavation.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		Construction joint between top of drilled shaft and bottom of column has been adequately cleaned, and loose concrete removed.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM - 06:00	Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		All of laitance concrete was removed from the secant wall before placement.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		A future construction joint will be between drilled shafts A3-102 and A3-103. This will be the next expected placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		There was a construction joint between drilled shaft A3-87 and A3-88. The joint was clean. The appropriate expansion material was used at this joint. The optional construction joint between A3-77 and A3-78 was not used.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		Construction joints were clean and free of all materials.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		Joints were not cut per planned location in adequate timing, resulting in uncontrolled concrete cracking in panels. Joints were to be located at half panels near crown of Brighton Blvd between NB and SB lanes.	Panels noted were removed and replaced.	5/28/2020 3:16:07 PM -06:00	Audit Comment	Brighton has been walked with CCD and any uncontrolled cracks we find will be evaluated and most likely remove and replace.	Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		The construction joints are in compliance with the shop drawings. (Plan sheet RP-C1-11). Between drilled shafts A3-102/A3-103 and A3-107/A3-107. 5 drilled shafts were included in the placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		All construction joints were placed in conformance of the RFC plans and shop drawings.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Construction joints are at approved locations on the plans or placing schedule.		Construction joint at approved location on the plans.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The top surface of the drilled shaft concrete on which concrete is to be placed for the columns was in a saturated surface dry condition.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The placement was not on or adjacent to hardened concrete surfaces.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The new concrete was not place directly against an adjacent construction joint. Expansion material was used. Reference comment #12 above.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		If new concrete if being jointed to existing by reinforcing dowels the installation is in compliance with 601.12(j).		The installation and placement of dowels were in compliance with Spec.	Conformance	12/16/2019 8:19:24 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	If new concrete if being jointed to existing by reinforcing dowels the installation is in compliance with 601.12(j).		The abutment was attached to the existing drilled shaft projection steel.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be placed on frozen ground.		A heater was used over night to heat the placement and melt any remaining ice that was in the placement.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be placed on frozen ground.		Ground was covered with insulated blankets and a heater running to maintain temperature requirements within the forms.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be placed on frozen ground.		Since the placement was on top of the drilled shaft, sub-grade was not present. The placement area was protected with curing blankets the night before the placement since cold weather was expected.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		No ice or frost was present within the placement.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Area to receive PCCP was blanketed and kept within temperature requirements so that no ice or frost was present.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Forms were heated and blanketed until immediately prior to pour.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		No ice, snow, or frost was present within the formwork	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		There was no ice found within the placement.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Salt shall not be used to thaw ice, snow, or frost.		Salt was no observed around the placement.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Salt shall not be used to thaw ice, snow, or frost.		No salt was used to thaw any ice, snow, or frost.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Salt shall not be used to thaw ice, snow, or frost.		No salt was present to thaw ice or snow.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete placed in accordance with the approved placing sequence		The concrete was placed in accordance with the approved placing sequence	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Concrete placed in accordance with the approved placing sequence		Concrete placed in accordance with the approved placing sequence.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete placed in accordance with the approved placing sequence		Concrete placed in accordance with approved placing plan.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	Concrete placed in accordance with the approved placing sequence		Placing sequence followed the specifications and the information provided in the Pre-activity meeting.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with the approved placing sequence.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in accordance with the approved placing sequence		The placement sequence is in Lobato's Process Control Plan under Appendix 3 & 4. (Submittal C70-KIE-COV-PMP-000003)	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Concrete placed in accordance with the approved placing sequence		I observed the first two lifts of the concrete placement in approximately the first 50 feet of the placement. The placing sequence was adequate.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete placed in accordance with approved placing sequence.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Concrete placed in accordance with the approved placing sequence		The sequence and placement of concrete was in compliance with the specification.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with approved placement plan.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete placement followed the approved placing sequences.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete placement operations followed the approved placing sequence.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped from more than 5 feet during placement operations. A concrete pump truck was utilized with an additional chute attachment to reach base of the column.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed using a pump truck chute and was not dropped from greater than 5 feet.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than five feet.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was pumped and confined by a pipe but was not dropped more than five feet at any time.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was deposited with a chute and was not dropped more than five feet.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The crew used a concrete bucket to transfer the concrete from the chute to the point of placement within the forms. The drop was not higher than 5 feet.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete pump truck utilized for placement operations. Pump hose was lowered to bottom of columns to ensure concrete was not dropped more than the allowable 5 feet.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was confined by a tremie pipe and was not dropped more than five feet.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was not dropped more than five feet.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		A concrete pump truck was utilized through out placement. 5ft of drop was not observed during the placement.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than the allowable 5 feet into the forms.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		I observed the pour and concrete was placed by chutes from the trucks and no concrete was dropped more than five feet.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete pump trucks were used for placement. This allowed concrete to be placed with a minimum fall distance.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, and utilized a pump truck tremie to place concrete as near to final position as possible.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped from greater than 5 feet.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		it was observed that concrete was not dropped more then 5 feet during placement.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The slab was 4 ft thick. The pump truck hose was maneuvered as close as possible to minimize the fall distance.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet. Concrete pump chute was lowered into column center for concrete placement, and was brought up slowly as the concrete operation proceeded. (Pier 4 Shafts 43 & 44)	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was pumped into form. Pump tube was less than 5 feet from bottom of form.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Since a pump truck was utilized to place the concrete. The fall distance was minimized.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Since a pump truck was utilized the concrete was placed near its final position.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to ensure concrete was deposited as near to final position as possible.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as close to final position as possible from pump chute.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as possible.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The concrete was deposited as close to the final position as possible.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as reasonably possible, given space requirements in trench.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible within the forms.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		By using a concrete pump truck, the concrete was placed with accuracy.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as close to final position as possible.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		By using a concrete pump truck, the placement of the mix within the forms was extremely accurate.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		All concrete was placed near its final position.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The deposit of concrete was adequate. A vibrator was used to fully consolidate the concrete.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the contractor placing concrete as near to the final position as possible and not using vibrators to drag the concrete to the final position.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the pour and the concrete was placed at or near its final position and was not moved with a vibrator.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible during deck placement.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed using a pump truck and was placed as close to final position as possible.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited in the forms from the chute as close to final position as possible	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No materials used to place the concrete were made of aluminum.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum placement tools were observed.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum placing materials were witnessed.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum placement devices were observed during the placement.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pipe was cleaned prior to placement.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All pipes used for placement were clean and good working order.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		The concrete bucket that was used for the placement was clean.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes and pipes were clean.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Concrete Cure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Concrete chute used for placement was maintained clean and free from coatings of hardened concrete.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers conforming to the maximum of 18" thick. Each layer was vibrated to ensure proper consolidation to avoid construction joints with preceding layers.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in 18 inch layers.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete placement operations were followed as set forth in the placing sequence and specifications. Horizontal layers of not more than 18" thick was followed, and each layer was vibrated and consolidated so as to avoid a construction joint with preceding layers.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		All concrete lifts were placed less than 18" thick. 4 lifts were used to fill the entire placement volume. Adequate penetration of the vibrator between lifts to minimize a cold joint was observed.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Contractor placed concrete in maximum of 18" lifts. Each layer was vibrated and so consolidated to prevent the formation of construction joints with preceding layers placed.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not exceeding 18 inches, and consolidated to ensure no formation of construction joints with a preceding layer.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		During my observation, all concrete lifts that were placed at 18 inches.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The concrete lifts were placed at around 3 ft. IQC and the foreman were notified right away. The remaining concrete was placed with the appropriate lift thickness. Please reference the attached pictures.	Addressed	4/20/2020 11:11:28 AM -06:00	Audit Comment	Noted. Lift thickness was addressed in the field. It is my understanding that proper consolidation was achieved.	Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was not placed in greater lifts than 18" thick, and each layer was adequately consolidated in order to avoid the formation of construction joints from the preceding layer.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal lifts not exceeding 18" in thickness. Each layer was consolidated to avoid any formation of a construction joint in the preceding layer.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not exceeding more than 18" in thickness. Each concrete layer was consolidated to prevent formation of construction joint with the preceding layer.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed and vibrated in layers less than 18 inches.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The columns were placed in 3 equal lifts and consolidated appropriately.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surfaces were thoroughly worked during placement with appropriate and approved methods to ensure a smooth finish.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Approved floats, levels, and other hand tools were used to work surface.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surfaces of concrete were thoroughly worked to produce a smooth surface by forcing the coarse aggregate from the surface and bringing mortar against the forms.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:14:47 PM - 06:00	The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surface of collar was minimally worked with shovels, no use of concrete trowels or other hand finishing tools were observed.		9/16/2019 5:03:33 PM -06:00	Audit Comment	PC and IQC discussed these field concerns in the drainage task force meeting on Mondays at 10 AM	Closed
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surface of the concrete was thoroughly worked to a smooth surface during placement to best prevent air pockets or honeycombing.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The surface of the concrete was adequately worked and finished during placement with approved hand tools. A smooth finish was formed, that was free from water, air pockets, and honeycombing.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All external surfaces were thoroughly worked during placement, to bring mortar up against all forms and produce a smooth finished surface.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The concrete that was placed in the diaphragms and closure pour at pier two in multiple lifts. The rest of the deck was placed in one uniform placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		A mechanical vibrator with appropriate technique was observed to remove any possible surface distress.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The external surface of the concrete was thoroughly worked during placement by approved tools.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Top surface of abutment cap at Clayton was thoroughly worked during placement and finished with approved tool types to force coarse aggregate from the surface in order to produce smooth finish on surface.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All external surfaces of concrete were thoroughly worked to best force all coarse aggregate from the surface to bring mortar against the forms and produce a smooth finish that was substantially free from water and air pockets.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was being consolidated with suitable mechanical vibrators.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The contractor used suitable mechanical vibrators that had been certified for the vibration frequency.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Suitable vibrators were available and utilized to consolidate the concrete. Backup vibrators were available should they be needed.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Suitable mechanical vibrators were utilized throughout concrete placement operations.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was adequately vibrated.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated using a suitable mechanical vibrator operating within the concrete.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete placed was consolidated with a suitable mechanical vibrator as required.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Appropriate vibration techniques were utilized during the placement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Suitable mechanical vibrators were used to consolidate the concrete.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Mechanical vibrators were used to consolidate the concrete.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was adequately consolidated with suitable vibrators operating within the concrete.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		All consolidation was completed with the use of a mechanical vibrator. Two different vibrators with varying head sizes were available.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated by mechanical vibrators and no supplemental hand spading was needed.	Conformance	7/16/2019 7:28:03 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with suitable vibrators operating within the concrete.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Mechanical vibrators were used to consolidate the concrete.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete consolidated with suitable mechanical vibrators (2).	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly vibrated.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Mechanical vibrators were used to consolidate each lift.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The columns were a vertical placement and using a vibrator to induce flow wasn't a concern.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position. Concrete was placed as close to final position as possible.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of causing flow of concrete to move into a position. Concrete was placed as close to final position from end of concrete pump chute.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were operated in a smooth vertical motion to prevent flowing or running.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The vibrators were inserted into the concrete with an up and down vertical movement. This minimized the lateral movement of the concrete.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of moving concrete into position, instead of placing concrete as close to final position as possible.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to push concrete into position. Concrete was placed as near to final position as possible.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of causing concrete to flow or run into position. Concrete was placed from the pump as close to final position as possible.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The vibrators were inserted and removed in one solid vertical moment. No lateral movement was witnessed during my observation.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Appropriate penetration and removal of the vibrator was observed.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of moving or pushing concrete into place. The concrete pump truck chute was used to place concrete as close to final position.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to push concrete into position. Concrete was placed as close to final position from pump truck chute.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were only used to consolidate and not to move concrete.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to run into position. Concrete was placed as near to final position as possible.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No water was added to the surface of the concrete as a finishing aid.	Conformance	6/18/2019 8:30:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		The contractor only used water from a pressure washer to spray a mist in the air above the concrete to prevent evaporation.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Additional finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Finishing aids were not added to assist in finishing of concrete operations.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		I saw the foreman direct a worker to directly spray water on the concrete in front of the screed rollers, so I talked with Jamiee Ganzhorn of Lawrence and had this stopped.	The issue was acknowledged.	6/18/2019 6:49:25 AM -06:00	Audit Comment	This was discussed in the Deck De-brief and the pre activity for the 270 deck placement. Fogging systems will be in place to replace lost moisture.	Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No water was used on the surface of the concrete as a finishing aid.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No water or finishing aids were witnessed during my observation. Reference Comment #34.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Minimal amounts of water was used to aid in the finishing of the concrete surface. No adverse affects of the additional water were observed during my post placement inspection. Reference the attached photos.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water / finishing aids were not utilized to assist in finishing operations.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM - 06:00	The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		The contractor only had a water hose with a spray nozzle and I told Jamiee Ganzhorn that they needed real fogging equipment such as a pressure washer spraying the air above the concrete.	The issue was acknowledged.	6/18/2019 6:49:33 AM -06:00	Audit Comment	This was discussed in the Deck De-brief and the pre activity for the 270 deck placement. Fogging systems will be in place to replace lost moisture.	Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		Contractor provided fogging equipment to keep the surfaces moist at all times until the curing material could be in place.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between the allowable temperature requirements of 50-90 degF.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Concrete Cure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between the allowable temperature requirements of 50-90 DegF.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	Concrete mix temperature is between 50 and 90 degrees F		The concrete temperature was with specifications.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature is between the allowable temperature requirements.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Concrete mix temperature is between 50 and 90 degrees F		The concrete temperature was within the appropriate limits.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperatures were within the allowable tolerances of 50 to 90 degF.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between the allowable range of 50 -90 degF.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was within the allowable temperature range, as approved by UPRR.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was within allowable range.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was within the required range.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix was poured at approximately 87 degrees, as tested by IQC.	Conformance	8/19/2019 8:29:30 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM - 06:00	Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Adam Mercers guidance. The concrete would build up on the surface of the wire mesh and rebar. The crew would use the vibrator to vibrate the concrete through the mesh and rebar. This caused some segregation. After Adams suggestion, the crew started to use shovels to move the concrete so no further segregation would take place.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which best avoids segregation and displacement of reinforcement.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which best avoided segregation and displacement of any reinforcement.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Reinforcement was not displaced during pour, and mix was not segregated.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to best avoid segregation and displacement of reinforcement.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to best avoid segregation or displacement of reinforcement.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to best avoid segregation and displacement of any reinforcement.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM -06:00	Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		The concrete bucket allowed for a solid flow to the point of placement which minimized segregation and rebar displacement.	Conformance	6/26/2019 3:59:44 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		The concrete was placed in a manner that avoided segregation and displacement of reinforcement.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete placed following approved placement procedure, and in a manner to avoid segregation / displacement of reinforcement.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in manner to best avoid segregation, as well as displacement of reinforcement.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to best avoid segregation and displacement of reinforcement.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete operations observed to place in a manner to best avoid segregation of the concrete, as well as displacement of the rebar column cage.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All surfaces have been finished properly		All surfaces have been finished properly.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		All surfaces have been finished properly		Surfaces were finished properly on the top surface.	Conformance	7/8/2019 3:51:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	All surfaces have been finished properly		The top surface of the abutment was finished appropriately.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All surfaces have been finished properly		Surfaces have been finished properly.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed by pumping and discarding enough concrete to produce uniform mix exiting the end of the pump.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The first 0.25 cyd of concrete was discarded.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Priming the pump into an approved concrete clean out was observed.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump truck was primed and discarded to ensure a uniform concrete mix exited the pump during placement operations.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Concrete pump truck was primed by pumping and discarding enough concrete from the first truck to ensure a uniform mix would be exiting the pump during placement operations.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		the contractor used a pump truck for the placement and was primed in a washout.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump Truck Chute was primed with atleast 0.25 CY of concrete and discarded prior to concrete placement operations. This allowed for a uniform mix to exit the pump during placement in the columns.	Conformance	7/9/2019 11:25:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed at the contractors expense by discarding enough concrete to produce a uniform flow of concrete from discharge end of pump.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		I observed the concrete pump operator prime the pump into a waste container and the volume was over 0.25 CY and sufficient to get good concrete out of the pump.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed correctly and there was a uniform mix exiting the pump afterwards.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Concrete pump truck primed its chute prior to concrete placement operations began at the columns.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	6/11/2019 3:36:41 PM -06:00	Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added to the hopper after placement commenced.	Conformance	6/7/2019 9:36:52 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		I observed no water being added to the concrete pump hopper.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete hopper after placement began.	Conformance	8/26/2019 4:31:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water adjustment was witnessed during my observation.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	Water shall not be added directly into the concrete pump hopper after placement has commenced.		No additional water was added to the first 5 concrete loads I witnessed.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added directly into the concrete pump hopper after placement operations began.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added directly to the hopper after the placement started.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated in a manner to produce a continuous stream of concrete during placement operations.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	The pump shall be operated so that a continuous stream of concrete is produced.		The truck spacing and concrete placement was appropriate to maintain a continuous stream of concrete.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was stopped when the concrete load was tested and when the pump hose would transition between the columns for each lift.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	The pump shall be operated so that a continuous stream of concrete is produced.		A continuous concrete stream was witnessed for each load of concrete. The truck spacing was 25 minutes.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		The concrete pump was operated in a manner to best ensure a continuous stream of concrete during placement.	Conformance	7/22/2019 1:43:42 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated in a continuous stream. The only times the discharge from the truck stopped was due to testing the beginning and the required random truck.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated with a continuous stream of concrete being produced.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete pump operated in one continuous operation so that a continuous placement of concrete is achieved.	Conformance	6/6/2019 10:56:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated so that a continuous stream was produced.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		No metal pump lines or couplings came in contact with the forms during the placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		A rubber hose was attached to the pump truck. So no adverse affects to the epoxy coated reinforcing were observed.	Conformance	7/18/2019 11:39:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		The discharge end of the pump was as close to bridge deck elevation as possible.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls	11/15/2019 12:37:31 PM - 07:00	This work consists of constructing a permanent soil nailed wall (also referred to as ground nail wall) as specified herein, and as shown on the plans. Temporary soil nail walls and the final facing are not covered in this specification. The work includes:		No RFC Wall Standard Detail to be found to depict a wall transition from Caisson Wall to Soil Nail Wall which exists East of Monroe Bridge after Wall Shaft C127. The closest RFC Standard Detail can be found on Sheet WS708. See attached for differences between RFC and Shop Drawings. What has been installed to date does not conform to the shop drawings either.	NCR 1771 created to resolve issue.	12/20/2019 8:14:02 AM -07:00	NC-2	NCR 1771 was written to track the design issue	Closed
Central 70	C 0704-241	Cap Beams	Walls	11/15/2019 12:37:31 PM - 07:00	This work consists of constructing a permanent soil nailed wall (also referred to as ground nail wall) as specified herein, and as shown on the plans. Temporary soil nail walls and the final facing are not covered in this specification. The work includes:		RFC Plan Sheets and Shop Drawings depict expansion joints in place. No expansion joints observed to be in place through the soil nail wall shotcrete placed to date. See attached for RFC & Shop Drawing.	NCR 1771 created to resolve issue.	12/20/2019 8:13:58 AM -07:00	NC-2	NCR 1771 was written to track the design issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls	11/15/2019 12:37:31 PM - 07:00	This work consists of constructing a permanent soil nailed wall (also referred to as ground nail wall) as specified herein, and as shown on the plans. Temporary soil nail walls and the final facing are not covered in this specification. The work includes:		Reinforcement installed for cap beam does not match RFC Plans. See attached for differences between RFC and Shop Drawings.	NCR 1771 created to resolve issue.	12/20/2019 8:14:05 AM -07:00	NC-2	NCR 1771 was written to track the issue	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars were properly stored and no damage was noticed prior to installation.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars were properly stored and did not appear to have any damage.	Conformance	5/28/2020 2:49:18 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Bars were properly stored.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Bars were stored adequately.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Bars exhibiting abrasions, cuts, welds, weld splatter, corrosion, or pitting shall be replaced.		No damaged bars were used.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Bars exhibiting abrasions, cuts, welds, weld splatter, corrosion, or pitting shall be replaced.		Bars did not exhibit any cuts, corrosion, etc.	Conformance	5/28/2020 2:49:18 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Bars exhibiting abrasions, cuts, welds, weld splatter, corrosion, or pitting shall be replaced.		Bars did not exhibit any pitting, corrosion, etc.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		Only excavation for wall was performed within required distance.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Each lift excavation shall be completed to the final wall excavation line and shotcrete applied in the same work shift, unless otherwise approved by the Engineer. Application of the shotcrete may be delayed up to 24 hours if the Contractor can demonstrate that the delay will not adversely affect the excavation face stability.		Excavation for wall face and shotcrete was completed the same day.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Nail length and hole were in conformance with specifications.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Length of soil nails matched plans.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		soil nail location matched the submitted installation plan.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		The drilling equipment and methods matched the installation plan.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Drilling muds or other fluids shall not be used to removed cuttings.		No fluids were used to remove cuttings.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be as shown on the plans.		Bars were installed per plans.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Provide centralizers per Section 504.03 (e).		Centralizers were used.	Conformance	5/19/2020 2:36:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Provide centralizers per Section 504.03 (e).		Centralizers were installed on nails.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Provide centralizers per Section 504.03 (e).		Centralizers were provided and utilized.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Hole was grouted within acceptable time frame.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected at lowest point of hole.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected through a grout tube.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Hole was filled in 1 continuous operation.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls	11/15/2019 12:37:31 PM -07:00	Wall Drainage Network. All elements of the wall drainage network shall be installed and secured as shown on the plans. The drainage network shall consist of installing geocomposite strip drains, PVC connection pipes, wall footing drains, and weepholes as shown on the plans. Exclusive of the wall footing drains, all elements of the drainage network in the current lift shall be installed prior to shotcreting.		Reinforcement installed at drainage inlet locations around 10" PVC does not match RFC Plans. See attached for differences between RFC and Shop Drawings.	NCR 1771 created to resolve issue.	12/20/2019 8:14:10 AM -07:00	NC-2	NCR 1771 was written to track the design issue	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Undisturbed gun finish was applied.	Conformance	5/28/2020 2:49:47 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Shotcrete finish was an undisturbed gun finish.	Conformance	4/6/2020 7:09:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes were free of all deleterious material prior to placement of topsoil.	Conformance	8/12/2020 12:33:36 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes are free of debris, brush, and stones larger than six inches.	Conformance	1/8/2020 3:46:31 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes were free of debris, brush, and stones larger than six inches.	Conformance	1/8/2020 3:46:53 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slope was free of debris, roots, and brush.	Conformance	1/6/2020 3:21:05 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM -06:00	Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		All debris was removed from slope prior to placement of topsoil	Conformance	7/16/2019 7:23:36 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes were free of debris, roots, and brush.	Conformance	1/6/2020 3:21:37 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes were free of debris, roots, brush, and stones.	Conformance	1/6/2020 3:20:31 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		All topsoil shall be placed at the minimum depth as specified in the plans and evenly distributed.		Topsoil was placed per plans.	Conformance	8/12/2020 12:33:36 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Topsoil shall not be over compacted.		Topsoil was not over compacted.	Conformance	8/12/2020 12:33:36 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM -06:00	Topsoil shall not be over compacted.		Topsoil was not overly compacted.	Conformance	7/16/2019 7:23:37 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM -06:00	Topsoil shall be placed at final grade allowing for adequate drainage. Grades/Slopes are within conformance and tolerances.		Topsoil was placed to proper grade to allow for adequate drainage.	Conformance	7/16/2019 7:23:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Topsoil shall be placed at final grade allowing for adequate drainage. Grades/Slopes are within conformance and tolerances.		Topsoil was placed at final grade. Adequate drainage was kept.	Conformance	8/12/2020 12:33:36 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM - 06:00	Topsoil shall be placed at locations and to the thickness provided in the Contract and shall be keyed and tracked to the underlying material without creating a compacted surface by the use of harrows, bulldozers, rollers, or other equipment suitable for the purpose.		Tracked equipment was used to track material to underlying subgrade	Conformance	7/16/2019 7:23:37 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM - 06:00	After placement of topsoil, all BMP's were in place to ensure slope stability.		Silt fence was placed perpendicular to slope at bottom of grade to ensure slope stability.	Conformance	7/16/2019 7:23:36 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		After placement of topsoil, all BMP's were in place to ensure slope stability.		BMP's are in place	Conformance	1/15/2020 2:05:35 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		Permanent stabilization shall begin within 48 hours after topsoil placement, soil conditioning or combination thereof starts and shall be pursued to completion.		Permanent stabilization in progress	Conformance	1/15/2020 2:05:35 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	7/16/2019 4:05:44 PM - 06:00	Permanent stabilization shall begin within 48 hours after topsoil placement, soil conditioning or combination thereof starts and shall be pursued to completion.		Temporary stabilization was observed with tracking/surface roughening. IQC stated plans were in place for permanent seeding in September.		11/1/2021 7:48:32 AM -06:00	Audit Comment	Acknowledged!	Closed
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:03:53 PM - 07:00	Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		Inspector onsite to review and approve construction. Outstanding Punchlist items remain to be completed	Conformance	1/2/2020 9:41:16 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		Jerry (Denver Water) was onsite to inspect crossing of 46th	Conformance	6/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		DWD inspector has performed inspection	Conformance	4/15/2020 9:40:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:03:53 PM - 07:00	***When Applicable see PA Schedule 10A.10.4.08 Denver Water Engineering Standards including Materials Specifications and Standard Drawings***		Outage Schedule had completion date of 10/31/19. Actual completion was 11/19/19. KMP did not request an extension, or give notice of delayed schedule, prior to deadline.	1877 written	2/13/2020 1:40:42 PM -07:00	NC-2	NCR 1877 was written to address this issue	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Trench shall be excavated to a width sufficient to allow for proper jointing of the water line and thorough compaction of the backfill material in accordance with Section 206.		trench was properly excavated and backfilled to reopen 46th	Conformance	6/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer shall be thoroughly compacted as required. All joints, connections, valves and fittings shall be watertight.		Testing has not been performed, but all fittings seem properly installed	Conformance	6/24/2019 3:26:57 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Top 6" of the existing subgrade shall be reconditioned by blading and rolling.		Top 6" of existing subgrade was recondition by blading and rolling.	Conformance	8/8/2019 2:31:03 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		Sufficient water was used and density tests performed passed.	Conformance	8/8/2019 2:31:03 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		Water was added and density tests met the requirements.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface tested for smoothness and density prior to application of any base course material.		Surface was tested using a 10' straightedge and density were performed and passed.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface tested for smoothness and density prior to application of any base course material.		Surface was density tested prior to placing base course.	Conformance	10/7/2019 10:04:24 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface tested for smoothness and density prior to application of any base course material.		Surface was tested by IQC for smoothness and density.	Conformance	9/17/2019 9:37:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Surface properly maintained. Base course was placed with the same day subgrade was finished.	Conformance	9/17/2019 9:37:11 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Base course was placed within the same work day.	Conformance	10/7/2019 10:04:24 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Surface was maintained, and base course placement began the same day.	Conformance	10/7/2019 4:05:21 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Surface was maintained until base course was placed.	Conformance	8/8/2019 2:31:03 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Water applied for moisture and density control, as dust palliative, and for prewetting shall be free from injurious matter.		Only potable water from the water trucks were used to control dust and adjust moisture content of subgrade.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Sprinkling equipment shall deliver uniform and controlled distribution of water without ponding or wahsing.		Water trucks used controlled spray heads attached to front and rear of vehicles.	Conformance	12/12/2019 9:08:35 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Materials for the base course shall be ABC Class 6, meeting the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		Materials utilized for placement and compaction operations conformed to the required ABC Class 6 roadway base.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Materials for the base course shall be ABC Class 6, meeting the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		Material for the base course conforms with the required ABC Class 6, including gradation requirements, etc.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Materials for the base course shall be ABC Class 6, meeting the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		Material placed for base course was in compliance with spec and met gradation requirements.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Materials for the base course shall be ABC Class 6, meeting the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		Material was tested and submitted through aconex. (Crushed ABC)	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Acceptance based upon random samples taken from each lift.		Random samples were taken.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Portland Cement shall conform to subsection 701.01.		Material was tested and submitted. (Crushed ABC)	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Thickness was compacted to meet the 6" lift thickness	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Only one lift of 4" compacted base course required per plan. Depth did not exceed 6".	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Contractor was placing 2 three inch lifts and compacted.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Base course compaction did not exceed 6"	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Compacted base course did not exceed 6"	Conformance	11/11/2019 3:09:20 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		No thick lifts were witnessed during base course placement.	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		No lifts placed exceeded 6"	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Only one lift of 4" compacted base course required per plan. Depth did not exceed 6".	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Maximum compacted thickness of any one layer shall not exceed 6".		One layer of 4" compacted ABC Class 6 material was put into place throughout this block, and fine graded to required elevation while ensuring 4" of material throughout.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Thickness was compacted to meet the 6" lift thickness	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Base course was compacted in 6" lifts.	Conformance	10/7/2019 10:04:04 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		All lifts place were noticed to be 6" compacted.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		Vibratory compacting equipment utilized to ensure proper compaction was achieved.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		Vibratory compacting equipment was utilized for compaction effort to ensure density was achieved.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregate mixed prior to placement during loading on trucks.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		ABC was properly mixed and was homogeneous.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		PC/IQC was present during the compaction and testing of base.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		All density tests performed passed.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		All density tests performed passed.	Conformance	10/7/2019 10:04:04 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Densities performed and passed.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of single lift was performed until density of not less than 95% of maximum density was achieved.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Required moisture density of not less than 95% of maximum density was achieved. Proof-roll of areas to receive concrete paving performed prior to concrete placement.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Density tests were performed and passed per spec.	Conformance	11/11/2019 3:09:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Optimum moisture content was achieved.	Conformance	11/11/2019 3:09:20 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content within the allowable tolerance of optimum moisture content. Surface of the base layer is being maintained leading up to placement of concrete paving.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content did not exceed +/- 2% of optimum moisture.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content was within the allowable +/- 2% of optimum moisture content. Base course layer was maintained throughout compaction operations.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Test showed +/- 2% of optimum moisture.	Conformance	10/7/2019 10:04:04 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		All tests performed passed density and moisture content.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		PC/IQC was present to confirm moisture.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		The base appeared uniform.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Water truck was on site and being used.	Conformance	10/7/2019 10:04:04 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly during compaction operation.	Conformance	8/8/2019 2:29:13 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Water truck was used to perform moisture conditioning during compaction.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly during compaction operations, and maintained prior to PCCP paving operations.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Moisture conditioning shall be performed uniformly during compaction.		Moisture is being provided uniformly during compaction operations, and thoroughly worked into base layer.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Water truck was on site performing moisture conditioning.	Conformance	11/11/2019 3:09:20 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was being performed during compaction.	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface base course was tested with a 10' straightedge and witnessed.	Conformance	9/5/2019 11:50:06 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Base course was tested and accepted by IQC prior to concrete pavement being placed.	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Base course layer was tested with a 10' Straightedge by IQC, to approve the area prior to any application of PCCP.	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Base course was tested with 10' straightedge. Low spots were observed and fixed by the contractor.	Conformance	8/15/2019 1:06:08 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		10' straightedge was used and areas were corrected.	Conformance	10/7/2019 10:04:04 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		IQC confirmed 10' straight-edge was performed.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation of surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		IQC confirmed 10' straight-edge was performed.	Conformance	7/8/2019 9:53:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation of surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		Variation of the straightedge between any two points did not exceed 1/4".	Conformance	10/14/2019 3:22:19 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Variation of surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		IQC performed 10' Straightedge testing and accepted the grade after no points of contact were observed to exceed 1/4".	Conformance	6/9/2020 11:22:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	Delineators.		Barrier delineators should match the respective striping, whether yellow of white. Not all delineators currently do so. Additionally, inadequate amount of delineators currently installed.	NCR 1553 Created to track issue.	10/10/2019 10:15:28 AM -06:00	NC-2	NCR-1553 Created	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Spacing, location, color of reflectors and placement of delineator posts shall be as shown on the plans.		Reflector strips were placed according to specification and plans.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed on barriers.	Conformance	8/19/2019 3:08:37 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Barrier reflector strips were installed according to specifications.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/16/2020 4:00:40 PM - 07:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Barrier reflector strips installed on barrier west of Leyden do not have proper reflector strips.	Reflectors fixed 17 Jan	1/23/2020 9:08:30 AM -07:00	Audit Comment	Fixed the following night	Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)	11/21/2019 3:46:54 PM - 07:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips on the left barriers were missing at random locations, as well as on last three barrier segments.		12/3/2019 4:06:34 PM -07:00	Audit Comment	Reflectors are monitored and tracked as part of the MOT teams on going maintenance list.	Closed

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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed as per standards.	Conformance	8/19/2019 4:13:36 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed according to M&S standards.	Conformance	7/16/2019 9:32:13 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed according to specifications.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	9/30/2019 8:30:14 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Barrier reflector strips should match the respective striping, whether yellow or white. Not all reflector strips currently do so. Reflector strips should be addressed that are not fully attached to barrier sides.	NCR 1553 Created to track issue.	10/10/2019 10:15:55 AM -06:00	NC-2	NCR-1553 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/3/2019 1:20:49 PM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector Strips were installed according to requirements.	Conformance	7/3/2019 1:15:58 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	6/28/2019 3:29:32 PM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector Strips were installed on both sides of temporary barrier to CDOT Specifications.	Conformance	6/25/2019 10:45:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/18/2019 3:28:08 PM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Barrier Reflective strips were beginning to tear off of barrier. Yellow strips were also installed on right side throughout barrier run.	See NCR 1617	11/6/2019 1:12:41 PM -07:00	NC-2	NCR 1617	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Barrier reflector strips were installed per specifications on all temporary barrier.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/12/2019 4:33:35 PM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were either not present, not installed correctly with respect to color, or beginning to tear off of barrier. See pictures attached to requirement 1.		9/24/2019 7:41:20 AM -06:00	NC-2	NCR 1494 was written to resolve the barrier and closure issues at S Stapleton and Kearney	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:33:12 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		On the northeast corner, the first 100 feet of barrier are missing reflector strips at random.	Barrier Strips attached	11/11/2019 8:00:47 AM -07:00	Audit Comment	Reflector strips were attached as needed	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed according to plan.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	8/29/2019 8:50:29 AM - 06:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Approximately 170 feet of barrier on the northern end does not have reflector strips. IQC has documented and issued an NCR.		12/9/2019 4:42:15 PM -07:00	Audit Comment	IQC was informed that the barrier was going to be remedied that night. The barrier reflector were placed that night and verified by IQC the following day.	Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were installed according to specifications.	Conformance	11/13/2020 8:10:26 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		6" Curb and Gutter - 2' Catch Pan was not tied in to match existing curb and gutter at Romantix (Sta. 505+49.92).	NCR 1994 Created to track this issue.	2/10/2020 7:52:35 AM -07:00	NC-2	NCR 1994 was written to address this issue	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Curb and Gutter grade was excavated and compacted according to specifications.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway	9/30/2019 3:26:14 PM - 06:00	The section will be as shown on the plans.		Per RDCR-002 (See Attached), Curb Ramp per CCD DWG 7.1 was to be installed by the WB Brighton On-Ramp. 6" Curb with 2' Catch Pan was installed instead.	NCR 1633 Created.	10/24/2019 1:37:09 PM -06:00	NC-2	NCR 1633 was written to track this issue	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(d) Ground conditions suitable?		Subgrade conditions were suitable for curb and gutter.	Conformance	11/7/2019 9:21:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Straight metal forms were used and set to proper grade and alignment.	Conformance	1/13/2020 8:10:07 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Joints were tooled every 10 feet.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb sections were constructed in 10 foot to 12 foot sections, per CCD specifications.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Joints were cut at 10 feet, with appropriate jointing at the curb ramps.	Conformance	4/6/2020 7:10:18 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was constructed in uniform lengths of 10'.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Expansion joints. Expansion joints shall be formed at the intervals shown on the plans using 1/2 inch preformed expansion joint filler. When the curb is constructed adjacent to or on concrete pavement, expansion joints shall be located opposite the expansion joints in the pavement.		Expansion joint material was placed at proper lengths.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Expansion joints. Expansion joints shall be formed at the intervals shown on the plans using 1/2 inch preformed expansion joint filler. When the curb is constructed adjacent to or on concrete pavement, expansion joints shall be located opposite the expansion joints in the pavement.		Expansion joints were placed at proper points.	Conformance	4/6/2020 7:10:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	11/7/2019 11:40:19 AM - 07:00	Expansion joints shall be installed between concrete curb and any fixed structure or bridge. Expansion joint material shall extend the full depth of contact surface.		NCR being generated to track issue of missing expansion board material through full depth of curb and gutter. Material should be been extended from roadway PCCP through C&G. (Block 2515)	NCR Number 1711 Created to track this issue.	11/11/2019 12:35:34 PM -07:00	NC-2		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete mix was within specifications.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete mix was tested and acceptable.	Conformance	4/6/2020 7:10:18 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Approved mix design?		Approved standard Class D mix design was used.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	(a) Approved mix design?		Approved mix design by IQC is used for concrete curb and gutter.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	(b) Test requirements met?		Testing requirements were met during concrete pour.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		PC and IQC achieved passing tests on concrete used.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		Test requirements were met and passed.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		Finish accomplished without use of water.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	(e) Finish accomplished without use of water?		The use of water was not used when finishing operations were on going.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	(g) Cold weather protection necessary?		The use of blankets was in conformance with cold weather protection for the concrete curb and gutter.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Cold weather protection necessary?		Cold weather protective blankets were used to cover curb.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing compound was used to cure concrete.	Conformance	1/13/2020 8:10:08 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing material was applied after slipforming.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curb was cured after placement was finished.	Conformance	4/6/2020 7:10:18 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		Approved curing compound utilized for curing process of curb and gutter.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		Curing compound was applied at appropriate time and rate.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Grade trimmed to correct cross-slope and elevation?		Grade was trimmed to proper size.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Gradeline correct per grade stakes?		Grade line was set properly to stakes.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Pan constructed to spill or catch per typical section?		Pan was constructed to catch per typical section.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Pan constructed to spill or catch per typical section?		Pan was constructed per plans and typical section.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Alignment correct?		Alignment was correct per stakes.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Extruded sections meet plan typical?		Extruded section met plan typical.	Conformance	4/2/2020 6:51:36 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Extruded sections meet plan typical?		Extruded sections met plan typical.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Surface Tolerance. The Engineer may determine that the exposed surfaces of the concrete curb, gutters, or combination curb and gutter shall be tested with a 10 foot straightedge laid along the exposed surfaces in a longitudinal direction. The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surfaces shall be measured in a longitudinal direction. Deviation of any exposed surfaces in excess of that specified shall be corrected at the Contractor's expense.		Exposed longitudinal surfaced were tested with a 10' straightedge.	Conformance	4/14/2020 12:28:12 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Surface Tolerance. The Engineer may determine that the exposed surfaces of the concrete curb, gutters, or combination curb and gutter shall be tested with a 10 foot straightedge laid along the exposed surfaces in a longitudinal direction. The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surfaces shall be measured in a longitudinal direction. Deviation of any exposed surfaces in excess of that specified shall be corrected at the Contractor's expense.		Flare on west facing curb ramp of southeast corner was found to have a minor dip in the lower section. After conversation with IQC and CCD, CCD stated they did not have issue with flare.	Field Resolved	4/6/2020 7:10:18 AM -06:00	Field Resolved		Closed

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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/6/2019 12:05:47 PM - 07:00	This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		Per CCD Std. Dwg. 7.0a General Notes for Curb Ramps, Note 13 states all curb ramps shall be constructed with tactile warnings (truncated dome panels). Panels shall be installed across the full width of the ramp, and set so that the closest point or points are 6" from grade break at bottom of the ramp (flowline). Additionally, water observed to be ponding at curb ramp by EB Off Ramp. Area should be addressed to allow for free flow to inlet.	NCR-1686 Created to Track	11/27/2019 7:27:04 AM -07:00	NC-2	NCR -1686 Created	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	8/21/2019 7:09:03 AM - 06:00	This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		During pre-opening walkthrough, a need for an ADA ramp was expressed in the North side of the pedestrian access for the bridge. This ramp was not constructed prior to opening, as discussed in walkthrough. As of 10:00AM 20 Aug, ramp has not been constructed.	1389 written.	9/4/2019 8:34:45 AM -06:00	NC-2	NCR 1389 was written to track and remediate this issue.	Closed
Central 70	C 0704-241	Flatwork	Roadway		This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		Sidewalk was constructed according to plans.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Subgrade was in conformance with 203 specification.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	2/1/2020 5:39:58 PM - 07:00	Subgrade graded and compacted properly?		Subgrade compacted and graded adequately.	Conformance	1/27/2020 10:58:50 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Straight wood forms were used for placement.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Foundation and forms were moistened prior to placement.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Approved mix design?		Mix design was approved by IQC prior to placement.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		IQC and PC achieved passing tests on mix.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Properly consolidated?		Concrete was properly rodded and forms were tapped to consolidate concrete.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed

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Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was properly finished.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Acceptable finish was achieved.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Edged where required?		Edges were tooled where required.	Conformance	2/27/2020 6:46:09 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		Work consists of applying shotcrete for the first lift at caisson wall 302-W1 (West of York St) in compliance with the thickness and dimensions shown on the plans, as shown on Sheet WS208A, Table 2.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Design mix approved or prepackaged material on Approved Products List?		Design mix was approved by IQC and is on the Approved Products List for concrete mix designs.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	The maximum aggregate size in shotcrete shall be 1/2 inch.		Maximum aggregate size in the approved shotcrete mix design (MM 7782E) does not exceed the allowable 1/2 inch.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum size aggregate allowable was confirmed to be 1/2".	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Submittals. The following documents and shop drawings shall be submitted in accordance with subsection 105.02. Shotcrete shall not be placed on the project before the submittals have been reviewed and approved by the Engineer.		Necessary submittals have been included, and reviewed and approved by IQC.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		Shotcrete mix design has been reviewed and approved by IQC.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		The mix design was approved and received by the department on 10/1/2018.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Shotcrete Application Method Statement. The Shotcrete Application Method Statement shall indicate dry-mix process or wet-mix process and shall include drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.		Shotcrete Application Process Control Plan includes a statement for wet mix process, and the nozzlemen are certified for this type of vertical work.	Conformance	10/2/2019 12:23:56 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	The Shotcrete Application Statement shall also include written documentation that verifies the qualifications of the nozzlemen that will be performing the work. All nozzlemen shall have had at least one year of experience in the application of shotcrete and hold a current certification for ACI Shotcrete Nozzleman for the methods and orientations to be used.		Documentation included within the Process Control Plan for Shotcrete Lagging at Caisson Wall to show individuals performing the work hold the required ACI Shotcrete Nozzleman certification.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Has a complete PC Plan been submitted which is compliant with 641.03 (c)?		Process Control Plan submitted includes statements on equipment to be used, procedures to be followed, application, curing, etc., and is compliant with the specifications.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Has a complete PC Plan been submitted which is compliant with 641.03 (c)?		A PC plan has been approved and received by the department on 8/22/2019.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Shotcrete Pre-placement conference held?		A repair procedure related to "filling unused holes" should have been submitted and approved by the department by the time the pre-placement conference was held. The attachment clarifies the path moving forward. The existing work will remain as is and the future holes will be filled appropriately.	Repair procedure should be submitted.	12/17/2019 7:25:08 AM -07:00	NC-2		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Shotcrete not slumping excessively?		During my observation, excessive slumping was not an issue.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Shotcrete not slumping excessively?		Shotcrete not slumping excessively. Minor areas observed to be slumping were removed and shotcrete was reapplied to ensure areas were covered with the required thickness.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied for the first lift at wall 302-W1 (West of York St) to the thicknesses and dimensions shown on the plans.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Nails placed accurately by Thorcon to show where adequate depth would be reached.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		To ensure the appropriate IQC inspections are conducted before work proceeds. Shotcrete will need to be a two-phase inspection. The first inspection will be to ensure the excavation is adequate before the sheet drain is placed and the dowel bar holes are to the proper depth before epoxying the bars in place is allowed. The second inspection will be conducted to ensure all reinforcing steel was installed correctly and no adverse changes have occurred from the initial inspection to the time the placement of shotcrete has occurred.	process was addressed.	6/3/2021 9:24:33 AM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The mix was homogeneous and free of discernible weaknesses.	Conformance	11/11/2019 1:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The mixture was uniformly placed between abutment 3 drilled shafts 16 to 51. The first layer of shotcrete was placed between 1:00pm to 2:30pm. The first layer was hard before the second layer was sprayed. A 1" final layer was placed starting at 3:30pm. The 1 hour gap between trucks is not an issue.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		Applied shotcrete consisted of dense and uniform mixture, and segregation or discernable weakness of bond was not observed.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		Shafts along this portion of Caisson Wall 302-W1 were previously excavated and backfilled multiple times, including Shafts C001 thru approximately C004 that were cleaned out more so than the rest. Did the Engineer determine if these areas were in excess and in need of additional reinforcing? No additional reinforcement was installed in this top lift.	IQC approved these locations	10/21/2019 8:26:24 AM -06:00	Audit Comment	It was not determined that the area has excessive or irregular by IQC therefore no additional reinforcement was installed.	Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		As described in Comment #4, excessive irregularities were found and additional reinforcing was not present.	NCR was written and addressed.	6/3/2021 9:24:30 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		The soil cut was back to the grout column which is sufficient.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		Minor cave ins have occurred due to the drying soil. The crew is using stay-form to fix these areas.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The soil cuts behind the sheet drain were out of tolerance. Large voids behind the drainage board were found during the pre-pour inspection. The work was not complete by the time an inspection should have been done. IQC documented the some of deficiencies but a proper inspection was not completed. IQC let the placement of the shotcrete to proceed after a discussion with IQC management.	NCR was written and addressed.	6/3/2021 9:24:36 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		All voids, holes or pits created during the excavation process were filled with shotcrete.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	A light application of water may be used to clean the surface of all dry soil or rock surfaces prior to application of the shotcrete.		Compressed air was used to remove loose debris and dirt from the placement.	Conformance	11/11/2019 1:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		No frozen surfaces were observed before placement.	Conformance	11/11/2019 1:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		Some patching did occur at drilled shaft 48. The need for the patch is included in the placement log of drilled shaft 48. This was a previous NCR.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		During my observations, the minimal rebound was removed and disposed of properly.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Weep holes and the drainage system shall be installed as shown on the plans.		Details from the AWS installation guide related to the vertical edges and pipe penetrations need be followed to ensure backfill material is not able to enter the core.	Area walked	12/17/2019 7:24:52 AM -07:00	Audit Comment	Noted, If there is a concern KIC is not following the installation guide we would like to walk the area in question.	Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		Since the concrete layers were placed in a relative short period of time, cleaning was not required. No curing compound was used between subsequent layers.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:55:30 PM - 07:00	When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		Multiple layers of shotcrete were required. The crew was able to place the first layer of shotcrete from drilled shaft 50 to 75. The final coat to meet the appropriate thickness was not placed. The shotcrete sprayer was clogged and the crew was unable to complete the operation. The crew spent the rest of the day cleaning out the machine.	Conformance	11/11/2019 1:41:47 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		There were no discernible deficiencies with the shotcrete that was placed.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Plastic sheeting was used to cover all vertical surfaces appropriately.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Polyethylene sheeting completely covers the surfaces, and any joints with the sheeting are sealed tight.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	The Contractor shall promptly repair any tears, holes, and other damage. Anchor sheeting shall be installed as necessary to prevent billowing.		No damage was found during my observation.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	The minimum curing period shall be from the time the shotcrete has been placed until the concrete has met a compressive strength of 80 percent of the required field compressive strength. Compressive strength shall be determined by coring information panels. Information panels shall be constructed by the Contractor on the final portion of a placement and stored as close to the structure as possible. If the information panels are lost, mislabeled, damaged or destroyed in the field, the minimum curing period shall be seven days.		Test panel was created and kept as close to the structure as possible.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	10/3/2019 9:55:37 AM - 06:00	The minimum curing period shall be from the time the shotcrete has been placed until the concrete has met a compressive strength of 80 percent of the required field compressive strength. The Contractor shall develop a maturity relationship for the shotcrete mix design in accordance with CP 69. The Contractor shall provide the maturity meter and all necessary thermocouples, thermometers, wires and connectors. The Contractor shall be responsible for the placement, protection and maintenance of the maturity meters and associated equipment. Locations where the maturity meters are placed shall be protected in the same manner as the rest of the shotcrete. The Contractor shall install the thermocouples at locations designated by the Engineer. The Contractor shall monitor the temperature at intervals acceptable to the Engineer. If the maturity meter malfunctions the minimum curing period shall be seven days.		All necessary wires and connections were provided by the contractor for the maturity meters that were installed to ensure that the compressive strength of the shotcrete reached 80% of the required strength.	Conformance	10/2/2019 12:23:57 PM -06:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls	11/11/2019 1:54:23 PM - 07:00	When the ambient temperature is expected to fall below 35 °F during the curing period the Contractor shall maintain the shotcrete internal temperature above 50 °F during the curing period. The Contractor shall monitor the internal shotcrete temperature by the use of maturity meters or high/low thermocouples. Maturity meter probes or thermocouples shall be located 2 feet from the edge of the final portion of the concrete placed for the day and be located at mid-depth of the layer.		Heaters were onsite to ensure the appropriate temperature was maintained throughout the curing period.	Conformance	11/11/2019 1:44:19 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The entire deck and the sides of the curbs for a height of 2 inches above the plan thickness of the hot mix asphalt shall be free of all foreign material such as dirt, grease, old pavement and primer.		The entire deck and the sides of curbs (barrier) for a height of 2 inches above the plan thickness (3 inches) of the hot mix asphalt were free of all foreign material.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All decks shall be sandblasted or shot blasted.		I observed the deck being shot blasted.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		I observed the contractor removing all the dust and loose material after shot blasting.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The deck condition will be approved before application of the membrane.		The IQC inspector on site checked and approved the deck condition before application of the membrane.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		The temperature during application of primer and membrane was well over 50 degrees F.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		The deck surface shall be dry at the time of application of primer and membrane.		IQC and PC checked the deck surface and it was from 4.0 to 4.2% moisture, under the maximum of 5.0% moisture.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Placement of the membrane shall not begin until the volatile material in the primer has dissipated.		The volatile material in the primer flashed out before placement of the membrane.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The membrane shall be placed in such a manner that a shingling effect will be achieved and any accumulation of water will be directed toward curbs and drains.		The membrane was placed in a manner that a shingling effect was achieved and water would be directed toward the curbs and drains.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Primer and membrane shall be placed on the curb faces for a height of 2 inches above the plan thickness of the hot mix asphalt.		Primer and membrane was placed on curb faces for a height of two inches above the plan thickness (3 inches) of the HMA.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The entire membrane shall be essentially free of wrinkles, air bubbles and other placement defects.		The membrane was free of wrinkles, air bubbles and other placement defects.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		During application the thickness may be measured by the Engineer. Lack of uniform application shall be cause for termination of the work until remedial measures are taken.		IQC inspected the application thickness and found it to be sufficient and uniform.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		As soon as practical, but in all cases the same day as membrane application, protective coating shall be placed gutter line to gutter line.		The protective coating was placed as soon as practical and within the same work day from gutter line to gutter line.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Protective covering shall be laid parallel to the centerline of the bridge.		The protective coating was laid parallel to the centerline of the bridge.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		The protective covering shall be butted together at longitudinal and transverse joints.		The protective coating was butted together at longitudinal and transverse joints.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Upon completion of the membrane and protective covering the Engineer will inspect the membrane system.		I checked the membrane and protective coating and found it to meet specifications.	Conformance	8/8/2019 2:35:15 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	8/13/2019 2:25:15 PM -06:00	This work consists of constructing a Concrete Panel Facing Mechanically Stabilized Earth (MSE) Retaining Wall System at the locations and to the lines and grades shown on the plans.		The MSE wall appears to be installed at the correct location and to the lines and grades shown on the plans.	Conformance	8/8/2019 2:36:57 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The shop drawings shall provide the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).		The shop drawings provide all the details necessary to demonstrate compliance with the Contract. The subcontractor had a set of the shop drawings out where the panels were being constructed.	Conformance	4/20/2020 2:40:34 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The shop drawings shall provide the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).		The shop drawings for wall 425-W1 provide all the details necessary to comply with the Contract and include the items listed in 504.02.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	8/13/2019 2:25:15 PM -06:00	Unless otherwise specified on the plans, wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone shall conform to the requirements for Structure Backfill (Class 1) of Section 206.		The wall backfill material in the reinforced structure backfill zone conforms to the requirements for Class 1 structure backfill.	Conformance	8/8/2019 2:36:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		Concrete met specifications required, as tested by PC and IQC.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		Precast panels conformed to plans.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		I checked several of the panels and they conformed to the requirements shown on the plans and specifications, including the color, texture, dimensions and pattern.	Conformance	4/20/2020 2:40:34 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The forms and form liners conform to the requirements shown on the plans and were correct in dimension, texture and pattern.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		I measured the panel thickness and found it to be correct.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		Panels measured were over 6 inches including depth of rustication.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Soil reinforcement attachment devices shall be within 1 inch of shop drawing locations.		I checked several panel forms that had not been cast yet and the soil reinforcement attachment devices were installed with the 1" tolerance.	Conformance	4/20/2020 2:40:34 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Soil reinforcement attachment devices shall be within 1 inch of shop drawing locations.		The strap connection devices were in the correct locations according to the shop drawings.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fabricate MSE Panels	Walls		All unit dimensions shall be within ¼ inch of plan.		I measured the panel being cast with the IQC representative and the dimensions were correct.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		All unit dimensions shall be within ¼ inch of plan.		I checked several panels and all unit dimensions were within 1/4" of the plan dimensions.	Conformance	4/20/2020 2:40:34 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		I checked several of the forms diagonally and the difference did not exceed 1/2".	Conformance	4/20/2020 2:40:34 PM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		The panel being cast had the correct dimensions when measured diagonally.	Conformance	7/15/2019 9:29:14 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls	6/19/2019 9:14:01 PM -06:00	The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		M.S.E. Wall Subgrade (entire footprint = 2.0' in front of wall alignment to 2.0' beyond the end of the designed length of soil reinforcement and along the entire length), should be proof rolled as required by the specifications, subsection 203.07. More than 2.0' of area was excavated away from front face of leveling pad for 18" RCP Storm Sewer Installation. A proof roll will need to be completed on subgrade prior to any work continuing with MSE Wall Construction.	Proof roll completed and required compaction was achieved.	2/10/2020 8:07:48 AM -07:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Base of leveling pad was compacted and proofrolled according to specifications.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Base of leveling pad was compacted and proofrolled identically and simultaneously as the cut area.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Subgrade for wall was not excavated to length shown on plans (reinforcement plus 18 inches). As a result, crews excavated pockets into slope to fit each strap. Foreman was contacted, plans were created to resolve issue.		9/3/2019 7:28:28 AM -06:00	Audit Comment	Going forward, before straps are installed and before the start of the backfill of a wall, it will be verified that there is a 1.5' addition to the cut of the strap zone. This will prevent cutting into the slope for each strap as shown in attachment 5 of Hunter's Audit. Please let me know if there's something else I need to get to you.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Foundation and cut section of wall was equal to or greater than the RL plus 2 feet to allow for construction of drain system.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		This graded area shall be compacted with an appropriate vibratory roller weighing a minimum of 8 tons for at least five passes or as directed by the Engineer.		smooth drum roller compactor was used, and took at least 5 passes on observed lifts.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Maximum vertical step was below 36 inches, unless called for on plans. All steps observed were constructed according to plans.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Maximum step was under 36 inches.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Structure Exc	Walls	6/19/2019 9:14:01 PM - 06:00	Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		IQC Inspection Report documents that all steps have reinforcement, however, from attachments provided in inspection report, the reinforcement installation was not followed as denoted in WS306. A minimum of 3 #4 bars shall run parallel to the leveling pad, and additionally, 5 #4 bars shall run perpendicular to these, 3 of which are at a 1:1 slope. See attached WS306 Plan Sheet. Reinforcement placed does not meet this standard. Damaged rebar at West end of leveling pad also has 2 bent rebar, depicting that only 2 pieces were utilized at the half step.	NCR 1166 tracked this issue to closure.	2/10/2020 8:07:04 AM -07:00	NC-2	This is addressed by NCR No. 1166	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Maximum vertical steps were below 36 inches.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Cushioning material was used between the bottom row of panels and the leveling pad.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material was used to support panels on leveling pad.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid panel cracking from high contact points, a ¼ inch thick expansion joint material with the same thickness as the panels may be installed between the first layer of panels and the leveling pad.		Expansion joint material of the correct size was used between the bottom layer of panels and the leveling pad.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		The contractor was using two shims per panel.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		I observed only 2 3/16 inch thick shims being used to level panels on the leveling pad.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		No more than 2 shims were used to level panels.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Multiple panels were observed with more than 2 shims stacked between bottom of panel and leveling pad. Total height of gap by shims exceeded allowable 3/8 inch.	See NCR 1404	9/3/2019 8:26:12 AM -06:00	NC-2	NCR 1404 was written to track this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		I observed wooden wedges being used to hold the panels at the correct batter during the backfill operation.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		I observed no wooden wedges behind used for obtaining the correct batter.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wooden wedges were used to hold panels.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wedges were temporarily placed to assist with panel placement.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges shall be removed as soon as the precast panels above the wedged panels are completely erected and backfilled.		Wedges were removed as panels were erected.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	8/13/2019 2:25:15 PM -06:00	Wooden wedges shall be removed as soon as the precast panels above the wedged panels are completely erected and backfilled.		Wooden wedges were removed as soon as the panels above the wedged panels were erected and backfilled.	Conformance	8/8/2019 2:36:57 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges shall be removed as soon as the precast panels above the wedged panels are completely erected and backfilled.		All wooden wedges were removed as soon as the panels above the wedged ones were completely erected and backfilled.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		The leveling pad concrete was cured for more than 12 hours before setting panels.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		The leveling pad concrete was cured more than 12 hours before panel placement.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Level pad was allowed to cure properly prior to panel placement.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad was cured for at least 12 hours prior to placement of panels.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		I spot checked and found no negative batter panels.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		I spot checked a few places and observed IQC checking the wall for negative batter and none was found.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		The final face of the wall is vertical or within 5% positive of being vertical.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		No negative batter was observed.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than 1/2 inch.		I observed IQC checking the vertical face and horizontal face of the wall with a ten foot straightedge, and did not see any convexity or any concavity more than 1/2 inch.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than 1/2 inch.		I observed IQC checking panels with a 10 foot straightedge and saw no excessive deviations.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Wall panels observed were in tolerance with 10 foot straightedge	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Panels observed did not deviate more than the allowable tolerance.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric meeting minimum width was glued to all vertical joints.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	8/13/2019 2:25:15 PM - 06:00	To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		The filter fabric has been installed correctly every time that I have checked placement of it.	Conformance	8/8/2019 2:36:57 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed behind all joints.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		An approved filter fabric of the correct size was used at all locations that I checked.	Conformance	10/23/2019 9:27:42 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed on every joint.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		As the wall was brought up, the contractor installed and glued filter fabric at least 12 inches wide behind all vertical joints.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		12" wide filter fabric is in place	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed at each vertical joint.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		12" wide filter fabric is in place	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		reinforcement observed was connected after fill was slightly higher than connection point	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		section that was observed had the reinforcement connected after the fill was slightly higher than the connection point	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		I observed the backfill operation and the reinforcement was not connected to the wall until the compacted fill was at or slightly higher than the location of the connector.	Conformance	7/17/2019 10:52:36 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcing was not connected until compacted fill was at proper height.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement was not placed until full was at or above connector.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 material was observed being used to backfill in the zones required.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Structure backfill zone was filled with Class 1 material.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the walls as defined on the plans were backfilled with Structure Backfill (Class 1) fill material.	Conformance	7/17/2019 10:52:36 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 backfill was used	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 backfill was used	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The reinforced structure backfill zone as defined on plans was Class 1.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:47:49 PM - 06:00	The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		In areas between strip drains, common embankment was observed as spilled over into the class 1 backfill zone.	Verified in field	10/24/2019 3:23:29 PM -06:00	Audit Comment	These areas were cleaned prior to next lift of backfill/embankment.	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/29/2019 9:23:12 AM - 06:00	Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Crew was observed installing 8" lifts of Class 1 between approximate columns 18 to 43. Crews potholed and evaluated the subgrade and found it to be in good condition.	Appropriate response.	11/13/2019 1:28:45 PM -07:00	Audit Comment	Acknowledged. When dumping and spreading lift thickness it can be hard to judge prior to compaction efforts.	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		I observed no lifts more than 4 inches thick being placed.	Conformance	7/17/2019 10:52:36 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill was placed in loose lifts of up to 8 inches.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill was placed in layers of 8 inches of loose fill prior to compaction.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill was placed in 8 inch loose lifts.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill lifts were at most 8 inches thick. Each lift was compacted, PC and/or IQC achieved passing density tests.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		the layers witnessed were approximately 8" thick	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		compaction equipment remained 3 ft from the wall	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Fill and compaction efforts with heavy roller equipment was begun 3 feet away from back of wall.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Heavy equipment was kept 3 feet from back of wall.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Roller compactors were not used within 3 feet of back face of wall.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Compaction operation was started 3 feet from wall face.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		On lifts observed, PC and IQC achieved passing moisture density tests of at least 95 percent compaction.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		PC achieved a passing test on lift observed.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Structure backfill was placed and compacted to at least 95% of maximum density. PC and/or IQC achieved passing tests with nuclear gauges.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		PC and OVT were witnessed onsite taking density tests on material	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:48:34 PM - 06:00	All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Night shift beginning 10/03/19 installed approx. 2' of class 1 in the west most 150' of the wall. The class 1 was below native backfill occurring behind the wall. Upon inspection the joint was not compacted/tied in at the joint between native and class 1. Attached are photos showing the loose uncompacted material which rolled down at the joint. This issue was discussed with production & daytime IQC.	1578 written	10/28/2019 11:36:43 AM -06:00	NC-2	NCR 1578 was written to track this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:47:49 PM - 06:00	All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Structure Backfill was not compacted in areas around strip drains. This issue has been addressed with NCR 1578	Verified in field	10/24/2019 3:23:48 PM -06:00	Audit Comment	ncr 1578 as stated was issued for this issue. The crews will make sure this is not a re occurring issue.	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		6" of material covered the layer observed prior to tracked equipment	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		6 inches of material was placed over straps before tracked vehicles moved over straps.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		Material was placed over straps prior to tracked equipment operating behind wall.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Walk behind plate compactor was used within 3 feet of wall.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		On lifts observed, a walk behind plate compactor under 1000 pounds was used.	Conformance	9/3/2019 3:20:26 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Small handheld equipment was used within 3 feet of wall face.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		I saw only small compaction equipment weighing less than 1000 pounds within three feet of the wall.	Conformance	7/17/2019 10:52:36 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Small walk behind plate compactor was used within 3 feet of back of wall.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Plate tamper was used within the 3 ft of wall	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:48:34 PM - 06:00	Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Within the 3ft of the front face of the wall the crew was using a plate compactor which was not adequately compacting the embankment. This was brought up to production and IQC. Production was working to get a proper compactor prior to placing the subsequent lift.	noted	10/28/2019 11:36:36 AM -06:00	Audit Comment	The wall crew got the correct plate compactor that same day. It was a new crew and wasn't used to that level of compaction in the 3 feet next to the wall	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		Frozen material was not used in backfill.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		backfill was not frozen	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No frozen material was used in backfill.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Front face of wall was backfilled after wall height reached approximately 10-15 feet.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		The area in front of the wall and around the leveling pad was backfilled in a timely manner.	Conformance	7/17/2019 10:52:36 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Front of wall was backfilled in a timely manner.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Wall face has been backfilled	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:47:49 PM - 06:00	To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		General Note 13 of the design package sheets states that, "The finished grade backfill in front of the wall shall be placed and compacted as soon as possible...in any event, backfill in front of the wall shall be placed and compacted before wall construction exceed a height of 20 ft." Front of wall had not been backfilled to final grade as of end of night shift 8 Oct. Wall backfill height has surpassed 20 feet in several areas.	See NCR 1587	10/24/2019 3:24:36 PM -06:00	NC-2	NCR 1587 was written to track this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		reinforcement straps were slack free	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was installed without slack.	Conformance	10/22/2019 8:42:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcing straps were installed prior to backfill reaching strap elevation, causing voids under straps, and giving straps a downward camber. Foreman was contacted and plans were created to resolve issue.		9/3/2019 7:28:05 AM -06:00	Audit Comment	As discussed in the field. The crews install the straps on the panels and rotate (prior to torquing) out of the backfill crews way to minimize damage to the strap. As soon as the backfill material meets the required strap height the strap is placed in it's planned location.	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcing was slack free.	Conformance	4/6/2020 7:09:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		The steel straps that I observed were all slack free and the geosynthetic reinforcement was slightly tensioned.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Reinforcement was slack free.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Soil reinforcement shall not be cut to avoid obstruction unless shown on the shop drawings.		no cutting of straps was observed	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Soil reinforcement shall not be cut to avoid obstruction unless shown on the shop drawings.		soil reinforcement that was observed was not cut	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:48:34 PM - 06:00	The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		A drain strip was found using the incorrect splice method. The spliced on section was lapped but not attached to the in place strip drain.	Noted	10/28/2019 11:36:40 AM -06:00	Audit Comment	The splices were corrected immediately	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/8/2019 4:47:49 PM - 06:00	The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		Strip drains were not spliced as recommended by the manufacturer by taping completely with water resistant tape. Instead splices were left either exposed, or tied with tie wire.	See NCR 1588	11/1/2019 8:13:00 AM -06:00	NC-2	NCR 1588 was written to track this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		The drainage system was installed per the shop drawing drain detail.	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The water collector system shall consist of a 4 inch diameter perforated collector pipe surrounded by Filter Material Class B and wrapped with class 3 geotextile.		The water collector system did consist of a 4 inch diameter perforated collector pipe surrounded by Filter Material Class B and wrapped with class 3 geotextile (burrito wrap).	Conformance	7/22/2019 12:34:06 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		A 4 inch diameter non-perforated drain pipe, at 100 foot maximum spacing, shall be used to discharge the water in the water collector system out the face of the wall.		4" drain pipe in place, distance is approximately 85 ft between the first two	Conformance	6/24/2020 2:27:08 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		A 4 inch diameter non-perforated drain pipe, at 100 foot maximum spacing, shall be used to discharge the water in the water collector system out the face of the wall.		4" diameter pipe exits the face of the wall	Conformance	6/26/2020 12:51:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/19/2019 9:07:29 PM - 06:00	Gradation - Sieve Analysis per CP 31 - Nominal Maximum		Nominal Max Aggregate Size as it pertains to soils and Aggregates is defined as ; The size of aggregate in the smallest sieve opening through which the entire amount of specification aggregate is permitted to pass. In this case IAT's nominal max aggregate size is 2.5". IQC's nominal max aggregate size is 2". Problems with matching on nominal maximum aggregate size are derived from sampling and splitting of the aggregate to be tested. It was found that IQC tester Sean Mckay did not meet the minimum sample size requirement for the nominal maximum aggregate size.	The Nominal Max Aggregate size will continue to be an issue to keep an eye on due to the large variation in natural rock present in the Native Class 1. Care has been taken by IQC to reduce the frequency of these occurrences. A retest of 206Class 1 was performed with only minor differences.	8/12/2019 11:27:19 AM -06:00	Audit Comment	IQC lab manger talked to the lab tech and make sure to look at sample before and during splitting to see what the is estimated nominal max agg size.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/19/2019 9:07:29 PM - 06:00	Gradation - Sieve Analysis per CP 31 - 1-1/2" to #8		A total of 4 sieves (1.5", 0.75", 0.5", & 3/8") exceed the max allowable difference of 5% from IAT testing. The IQC sample was found to be only a fraction of the required size of 7500g per the 2" nominal maximum aggregate size. By not adhering to the minimum sample requirements the oversized/heavier material becomes a larger portion of the sample than if the sample was larger.	The splitting procedures used by IQC will continue to be monitored throughout the project. A Retest Gradation was performed on Sean McKay with only minor differences.	8/12/2019 11:27:15 AM -06:00	Audit Comment	its a split sample between IQC and IAT, samples ended up with different sizes, also when IQC sample was split wrong comparing to IAT. IQC lab manger took time to explain the correct splitting with all new tech.	Closed

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Central 70	C 0704-241		IAT Materials Testing		Gradation - Sieve Analysis per CP 31 - 1-1/2" to #8		A total of 3 sieves (0.75",0.5", & 3/8") exceed the max allowable difference of 5% from IAT testing. OVT moisture content from the gradation sample appears to be much higher than IAT's by a factor of 10x(IAT's 0.13% OVT 1.4%). This may have contributed to Significant difference on these sieves.	Care will be taken in the future to keep split samples in similar conditions and run as soon as possible. A retest was performed on the same sample which yielded no significant differences. The IAT Test report is attached.	10/7/2019 1:28:54 PM -06:00	Audit Comment	We have checked to verify the sieves are calibrated operational. Don't exactly know the cause of significant differences, maybe contributed to excessive moisture. Although split samples were used, but different timing of the testing might have contributed to loss of moisture.	Closed
Central 70	C 0704-241		IAT Materials Testing	10/29/2019 9:18:51 AM - 06:00	Soil Compaction - M/D Gauge per CP 80		A difference of greater the 2% of IAT's Relative compaction was observed during a qualification w/Leyla Lawson on 203 Embankment Soil Compaction.The original IQC curve selection could not be verified by 1-point. On previous test it was observed the Leyla's moisture density gauge was giving inconsistent data when the auto depth detection mode was engaged. Leyla was instructed to manually select	A Retest was performed on 203Embankment with Leyla Lawson w/Ground Engineering. The results of the retest indicate that only the gauge was to blame for the Significant Difference discovered on 10/2/2019. The Tester indicated that her	12/30/2019 1:33:55 PM -07:00	Audit Comment	2) The nuclear moisture density gauge that was utilized by Leyla during the IAT testing has since been calibrated per ISO/IEC 17025:2017 requirements by a third party calibration service and found to be in compliance	Closed



the depth of her equipment by Ground manager at that time. It is possible she turned this mode back on which caused a significant difference of greater than 2%.

gauge was reading differently when in manual depth detection mode vs. Auto-detect mode. She will continue to use the manual mode for more reliable and accurate results. A copy of the retest report is attached.

with the appropriate standards. The gauge accuracy was also verified per Colorado Procedure 15. The IQC and IAT one point tests were run utilizing different methods which yielded dry density and moisture content results that were not within a proximity that provided confidence. The IQC one point was run according to the method used to create the moisture density curve that was selected by Leyla. The IQC one point result verified the curve that was selected by Leyla but the IAT one



											point result did not. Due to this one point test result variance a different set of optimum curve values were selected that could be verified by both the IQC and the IAT one point test results. A retest will be scheduled at the IAT testing technician's convenience also taking into account the project embankment placement and IQC testing schedule.	
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		206.02 (a) 1. Structure Backfill (Class 1) and (Class 2).		The proper materials were used in the backfill operation.	Conformance	6/1/2020 11:18:45 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	206.02 (a) 1. Structure Backfill (Class 1) and (Class 2).		Class 1 and class 2 material is very good with the exception of the material at the front face of the wall on the west end.	Close	12/11/2019 1:18:32 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		Unsuitable material was removed and hauled to proper waste facility.	Conformance	3/17/2020 12:34:23 PM -06:00	C		Closed

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Central 70	C 0704-241	MSE Structure Exc	Walls		Unsuitable foundation material which is suitable for embankments and suitable surplus excavated material shall be used in the construction of embankments.		Unsuitable material was removed and suitable material was replaced.	Conformance	3/26/2020 8:04:59 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		This extra depth excavation shall be backfilled with loose Structure Backfill (Class 1) or other approved material.		The backfilled area was between the temporary SOE wall and the back of Abutment 1 at Clayton. The area was back filled with #57 stone. Please see the attached pictures.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The base of structure backfill shall be scarified to a depth of 6 inches and compacted with moisture and density control prior to placement of any structural element or structure backfill.		Base of structure was excavated to proper depth, and compacted.	Conformance	3/26/2020 8:04:59 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Since #57 stone was used. No compaction methods were used.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	The excessive use of water during backfilling operations will not be permitted.		Water is used per spec	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Water was added only as needed to raise moisture content of soil.	Conformance	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork	8/28/2019 10:45:05 AM - 06:00	The excessive use of water during backfilling operations will not be permitted.		Conformance	Conformance	8/27/2019 3:19:35 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		I observed no excessive use of water during the backfill operation and saw no water running out of the material.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork	8/28/2019 10:45:05 AM - 06:00	Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Conformance	Conformance	8/27/2019 3:19:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Proper compaction equipment was used to compact backfill material.	Conformance	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM -07:00	Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		All crews are consciously aware of compaction equipment operation and where each piece can be used.	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		The abutment reached 80% of its compressive strength before the girders were placed.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Since the pavement, back fill and SOE wall are considered temporary. The construction must progress to the appropriate phase before the bracing can be removed.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The abutment and backwall had sufficient curing and strength before the backfill operation commenced.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Abutment was allowed to reach 80% compressive strength prior to backfill.	Conformance	6/1/2020 11:18:45 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Concrete compressive strength for structures supporting lateral earth pressure shall conform to subsection 601.12(o). Concrete compressive strength shall be determined by maturity meters.		Concrete compressive strength for structures (abutment and backwall) conformed to subsection 601.12 (o), and was determined by maturity meters.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill at the inside of bridge wingwalls and abutments shall be placed before curbs or sidewalks are constructed over the backfill and before railings on the wingwalls are constructed.		Backfill at the inside of the bridge wingwalls and abutments has been placed before any curbs or sidewalks are constructed and before railings on wingwalls.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill at the inside of bridge wingwalls and abutments shall be placed before curbs or sidewalks are constructed over the backfill and before railings on the wingwalls are constructed.		Backfill was placed in proper sequence with other construction activities.	Conformance	6/1/2020 11:18:45 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		The backfill material has been approved and it was uniformly distributed in layers brought up equally on all sides of the structure.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:45:28 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:45:58 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	12/17/2019 7:20:30 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:07:46 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:41:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		A concrete conveyor truck was used to place the #57 stone in the excavation with a uniform depth.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:06:40 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:06:52 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	3/20/2020 1:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:07:20 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:07:34 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Material was placed uniformly in layers on both sides of structure.	Conformance	10/7/2019 8:20:16 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Material at the front face at the west end contains a significant amount of organic material. This area was used as a haul road and the material has not yet been replaced with good material and compacted.	Material has been removed.	12/11/2019 1:22:32 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:43:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	3/20/2020 12:42:53 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork	8/28/2019 10:45:05 AM -06:00	Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfill from back face of wall and extending 1'-6" past the end of the footer should be Class 1 Backfill per drawing WS101.	NCR created	9/18/2019 8:16:15 AM -06:00	Audit Comment	NCR 1405 was written to address this issue	Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:44:31 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/31/2019 7:45:01 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	10/30/2019 12:07:06 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:45:01 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:07:06 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:44:31 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	3/20/2020 12:42:53 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:43:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Excessive lifts are corrected before work proceeds.	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		6 inch lifts were placed and compacted. Passing compaction tests were achieved by PC and/or IQC.	Conformance	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:07:34 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:07:20 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:06:52 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	3/20/2020 1:29:37 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:06:40 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Each layer was placed in 6" to 9" lifts. There were no density tests taken.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:41:36 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	12/17/2019 7:20:30 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/30/2019 12:07:46 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:45:58 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	10/31/2019 7:45:28 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill layers did not exceed 6 inches and were compacted to the required density before successive layers were placed.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		All layers were compacted to a density of not less than 95 percent of maximum dry density in accordance with AASHTO T 180 as modified by CP 23.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Since #57 stone was used as back fill. No density tests were conducted.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 material was compacted to at least 95% of maximum dry density.	Conformance	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM -07:00	Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Compaction of Class 1 material is per spec.	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM -07:00	Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		IQC reports that the compaction is good.	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Material was compacted within 2% of optimum moisture content	Conformance	10/7/2019 8:20:17 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	Structure backfill (Class 2) shall be compacted to a density of not less than 95 percent of maximum dry density.		Class 2 material at the front face is not compacted. The vibratory roller is too heavy to be close enough to the wall to be of service and the standard 6" lifts are too thick for the small vibratory plate compactor to compact properly. It has been suggested to use thinner lifts with the plate compactor close to the front face. This work needs to be completed up to finished grade at the front face as the height of the wall exceeds 20'.	Grading crew to place class 2 material to finished grade per spec.	12/11/2019 1:20:27 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	10/29/2019 9:23:12 AM - 06:00	The maximum dry density of class 2 backfill and OMC for all other materials will be determined in accordance with AASHTO T 99 as modified by CP 23. Materials shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		The subgrade at the front face of the wall had sediment and wet spots that were not addressed prior to being backfilled. Due to weather event the crew was able to address prior to placing subsequent lift.		11/13/2019 1:28:10 PM -07:00	Audit Comment	Area was cleaned prior to backfill as stated	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Filter material shall be placed behind bridge abutments, wingwalls, and retaining walls as provided in the Contract and in accordance with the following requirements:		The approved filter material was placed behind bridge abutments and wingwalls.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	9/27/2019 8:36:43 AM - 06:00	Filter material shall be placed behind bridge abutments, wingwalls, and retaining walls as provided in the Contract and in accordance with the following requirements:		Please see the two attached Kiewit tests for the Class B Filter Material.	Conformance	9/24/2019 1:48:19 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Filter material shall be placed in horizontal layers along with and by the same methods specified for structure backfill.		Filter material was placed in horizontal layers along with and by same methods specified for structure backfill.	Conformance	11/8/2019 8:51:23 AM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		Soil Nail Wall to be used as SOE for both the North & South Abutment locations of the Colorado Bridge.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		Phase 4 Shoring consists of shoring for SY-418 and SY-112 as set forth in the approved UPRR Ph 4. Bridge Shoring Package.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		This work consists of shoring the South end of the SY-112 Shoofly for UPRR use during the construction of the West portion of the UPRR bridge, and future drainage work through this area.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The Developer performed design, received approved material per the design, and constructed the shoring per plan to provide the necessary rigidity and support loads imposed as shown on the plans.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The Developer (KIE) designed and are in process of constructing shoring to support design loads imposed so that construction operations may proceed as shown on the plans.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		Soil Nail Wall constructed as planned to provide the necessary rigidity and support for the loads imposed during excavation and construction of new abutments.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		Soil Nail Wall construction and placement of shotcrete proceeded with 5 foot lifts from top to bottom until area in need of support was completed.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		Shoring Drawings have been provided and accepted, as the height of shoring will exceed 5 feet above the base of excavation.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		Shoring drawings have been provided by the Developer and approved by applicable parties to construct.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed

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Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		Shoring, in particular, the driving of the steel plate lagging, was performed in conformity with the approved shoring drawings. This includes material used and depth driven to.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		SY-418 and SY-112 Shoring for future bridge construction is being constructed in conformity with the approved and most up-to-date shoring drawings. This process includes the driving of soldier piles, installation of steel plate lagging, driving sheet pile for deadman wall, installing tie-rods, etc.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		Shoring and soil nail wall construction conformed to the planned drawings and specifications.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Prior to placing construction or traffic loads on the supported earth, the Contractor's Engineer shall certify in writing that shoring materials and construction have been inspected and that all shoring, materials, and construction are in conformity with the shoring drawings.		The SOE wall was constructed as per the contract documents.	Conformance	8/20/2019 1:13:30 PM -06:00	C		Closed

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Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring drawings shall include 206.09 items (1) through (5).		Shoring drawings include the required information, and observed to have been placed within conformance to the plans, specifications, and PA.	Conformance	6/24/2019 3:25:24 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring drawings shall include 206.09 items (1) through (5).		Shoring drawing requirements, as set forth by Specification 206.09 Items (1) through (5), were provided in conformance with the contract.	Conformance	5/23/2019 8:46:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring drawings shall include 206.09 items (1) through (5).		Shoring drawings include applicable requirements.	Conformance	10/1/2019 2:58:43 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	5/22/2019 4:41:36 PM - 06:00	Slump Cone per AASHTO T 119		A significant difference of greater than 0.5" (6.5" IQC & 4.75" IAT) was detected during a qualification of Caleb Chee for 601 Concrete. IAT's results closely matched PC's results. Caleb is a newer tech and it is still unknown whether or not he has passed his ACI Field 1 certification. During the testing, there was IQC oversight of the testing by an ACI Field 1 certified person. It was later brought to IAT's attention that the slump cone may not have been pulled vertically at the correct speed and angle.	A retest on Caleb Chee w/Vine Laboratories was performed on 5/30/2019 with results that were within the 0.5" allowable difference for AASHTO T119. It is now known that Caleb has passed the ACI Field certification and can test concrete on his own now.	6/11/2019 11:03:00 AM -06:00	Audit Comment	Due to the significant difference observed between test results, a slump testing training session was held for Caleb on 5/14/2019. Caleb was successfully certified for ACI Field 1 on 4/24/2019. Follow up IAT slump testing will be performed with Caleb pending IAT technician scheduling.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	7/26/2019 10:47:08 AM - 06:00	Slump Cone per AASHTO T 119		<p>IAT Representative Randy Medina observed the IQC technician fail to perform the slump portion of the IAT per AASHTO T119. Instead of following the procedure the Tech was instructed by IQC Representative Matt Brahler to not perform the test and to visually measure the slump. IQC Representative cited the slump section of 601 concrete found in the CDOT Red Book. IAT Representative Randy Medina was asked what he thought the slump was. He stated 3" While IQC guessed 4". IAT Representative Randy Medina did not perform the slump per AASHTO T119 and instead followed IQC lead and reported the visual Slump. The visual interpretation of the slump lead to a significant difference. No where on the IQC report does it state that the slump was visually accepted.</p>	<p>All parties testing 412 Concrete will perform the Slump test per AASHTO T119. A retest on 412 Concrete will be performed on Evan ASAP.</p>	8/12/2019 11:48:47 AM -06:00	Audit Comment	<p>IQC and CDOT discussed this issue in the material meeting. IQC from now on will test slump every time we make cylinders and visually when no cylinders required.</p>	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	10/29/2019 9:18:27 AM - 06:00	Air Content - Air Meter per AASHTO T 152		A significant difference of greater than 0.5% (5.0% IQC & 5.6% IAT) was detected during the qualification of Leyla Lawson for 601 Concrete. During the test Leyla appeared to follow AASHTO T152. A Retest is needed on this element. Differences in unit weight could indicate sampling as part of the issue. Her guage calibration may also be to blame.	A Retest on 412 Concrete was performed on 11/2/2019 where no significant differences were detected. Leyla's Air meter was observed to be in proper calibration and quite good condition. A copy of the Report is attached.	12/3/2019 9:31:13 AM -07:00	Audit Comment	1) Leyla's Type B air meter was calibrated and observed to be in proper working condition. The equipment was examined and appeared to be in a 'like new condition'. A retest will be scheduled at the IAT testing technician's convenience also taking into account the project concrete placement and IQC testing schedule.	Closed

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Central 70	C 0704-241		IAT Materials Testing	10/29/2019 9:17:29 AM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		A Significant Difference of greater than 10% of the Average IAT 28-day day strength was detected during a qualification of Grant Mathers for 601Lab. IAT 28-day Strength was 21.9% higher than IQC's passing 28-day break strength.	No retest can be performed on the technician, Marcus Carmean as he has left the project. Since there have been several instances where this variability in cylinder breaks has occurred without explanation the quality team has been working to educate and inform all testers making cylinders about proper casting and handling techniques in the first moments of fabricating the samples. We will continue to monitor the situation.	12/10/2019 2:47:56 PM -07:00	Audit Comment	IQC looked at everything to determine the reason behind the difference. IQC 7 days result matched Pc 7 day result but did not match IAT OR PC 28 DAYS results, cylinders might not be cast very well. The tester is no longer in this project, that was the only cylinders he casted.	Closed
Central 70	C 0704-241		IAT Materials Testing	10/29/2019 9:18:02 AM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		A Significant Difference of greater than 10% of the Average IAT 28-day day strength was detected during a qualification of Leo Rodriguez for 601Lab. IAT 28-day Strength was 14.6%	After conversations with IQC regarding sampling and fabricating of cylinders prior to initial cure, It was	12/6/2019 11:55:05 AM -07:00	Audit Comment	cylinders were cured in the field for the first 24 hours with hi/low temp within the spec between 60 -80 F then	Closed



						<p>higher than IQC's passing 28-day break strength. Both parties' cylinders were cured under similar conditions in the field.</p>	<p>concluded that more care will be taken to insure more closely matching samples. True split samples will be a prerequisite for all testing no matter how difficult it may be to achieve in the field. Also more care in observing the fabrication and handling of compressive strength cylinders by IAT and IQC oversight. In addition to this when Significant differences occur during compressive strength comparison , the technician that fabricated the cylinders will need to be re-tested.</p>		<p>they were brought to the lab, they were stripped and put in the water tank. IQC, PC, AND IAT were all casted cylinders on 3.5 cy truck but all results are far from each other. IQC believe concrete might be the issue due to the small amount of concrete were tested.</p>	
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	9/23/2019 1:09:17 PM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		A Significant Difference of greater than 10% of the Average IAT 28-day day strength was detected during a qualification of Leo Rodriguez for 412Lab. IAT 28-day Strength was 14.5% higher than IQC's passing 28-day break strength. Differences in initial curing setting (Field vs. Lab) could be the reason for such a large difference.	IAT Cylinders have been stored for initial cure in the field. Since this time IQC has installed several cure boxes throughout the job to try and eliminate all variables. IAT will use these cure tanks for initial cure. 2	10/26/2019 9:51:02 AM -06:00	Audit Comment	we believe the issue is from curing, field Vs lab. IQC took every steps to make sure cylinders cured in the field per spec; by adding cold water, using hi/low thermometer, keeping first 48 temperature 60-80 F but we still see the Significant Difference. IQC have asked IAT to cure their cylinders with us in the field.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	9/23/2019 1:08:46 PM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		A Significant Difference of greater than 10% of the Average IAT 28-day strength was detected during a qualification of Zinash Mashie for 601Lab. IAT 28-day Strength was 18.8% higher than IQC's passing 28-day break strength. Differences in initial curing setting (Field vs. Lab) could be the reason for such a large difference.	IAT Cylinders have been stored for initial cure in the field. Since this time IQC has installed several cure boxes throughout the job to try and eliminate all variables. IAT will use these cure tanks for initial cure.	10/26/2019 9:48:35 AM -06:00	Audit Comment	we believe the issue is from curing, field Vs lab. IQC took every steps to make sure cylinders cured in the field per spec; by adding cold water, using hi/low thermometer, keeping first 48 temperature 60-80 F but we still see the Significant Difference. IQC have asked IAT to cure their cylinders with us in the field.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/19/2019 9:08:36 PM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		Differences in unit weight & Air Content during field testing are not significant enough in this case to cause such a significant difference of more than 10%. As cure procedures for IQC and IAT vary, that may be what contributed to the large difference. IAT cylinders and fabricated at trailer and placed into a temperature controlled water bath. The following day the cylinders are removed from the molds and placed back into the bath. IQC cylinders are fabricated in the field and left in cure boxes (coolers). It is the responsibility of the tester who fabricated the cylinders to deliver them to the IQC lab where they are stripped and placed into a water bath. Any delay in this process can cause significant changes in strength from that of the design.	All entities (OVT,IAT,IQ C) are taking precautions to eliminate any variation in initial cure that may lead to any further significant differences. No Retest is needed for this item as we concluded that the issue was due to the initial cure/Cylinder fabrication and stripping procedures.	8/12/2019 11:38:29 AM -06:00	Audit Comment	After looking into the issue, we found out the cylinders were left in field more than 2 days. therefore we see this difference. IQC lab Manger print daily sheet of cylinders made the day before, IQC LAB MANGER call field tester at the end of the day if cylinders are not at the lab. we have been doing much better of tracking cylinders daily.	Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Conduit installed is schedule 80 HDPE	Conformance	3/18/2020 1:46:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Red power conduit was placed above ITS duct bank after encasement into BZ.	Conformance	10/29/2019 1:12:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	12/3/2019 2:57:49 PM - 07:00	Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		All bored conduit installed was Red HDPE conduit for power.	Conformance	12/3/2019 8:33:10 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	12/3/2019 2:57:49 PM - 07:00	During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore log has not been submitted into Aconex as of 12-2-2019.	Response Acceptable	12/19/2019 2:54:43 PM -07:00	Audit Comment	Bore logs are submitted weekly. KIC will set up a meeting with Sturgeon and Document Control to ensure finding the proper logs are easier.	Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore log completed and submitted into Aconex	Conformance	8/29/2019 10:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	12/3/2019 2:57:49 PM - 07:00	Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		All conduits installed had conduit plugs installed after boring was completed.	Conformance	12/3/2019 8:33:10 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit shall always enter a pull box, manhole, cabinet base and all other structure types from the direction of the run only.		Conduit enters manhole from the direction of the run.	Conformance	8/29/2019 10:36:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	12/3/2019 2:57:49 PM - 07:00	All conduits ends shall be free from sharp edges and burrs.		Conduits were free of sharp edges and burrs.	Conformance	12/3/2019 8:33:10 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		All conduit was deemed before conduit plugs were installed.	Conformance	10/29/2019 1:12:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Structural Tubing. Steel base metal to be used for tubular structures, including bridge rail, shall conform to the plans or AWS D1.1 section 5.2.1. The grade and specification to be used shall be specified in the Contract.		Structural tubing conformed to the plans and AWS D1.1 section 5.2.1.	Conformance	11/19/2019 7:52:20 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Material which has been used elsewhere shall not be used in any part of this work without written approval or unless specifically provided for in the Contract.		Material used in KAD is all new material.	Conformance	11/19/2019 7:52:20 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		High Strength Bolts. All bolts used in fastening structural steel connections shall conform to the requirements of AASHTO M 164 (ASTM A 325), commonly known as High Strength Structural Bolts (HS). Heavy Hex Structural or Tension Control Bolts with suitable Heavy Hex Nuts and Plain Hardened Washers shall be provided. Type 1 bolts shall be provided for painted and Type 3 bolts for weathering (AASHTO M 222) structural steel. The length of bolts shall be such that the end of bolt will be flush with or outside the face of the nut when properly installed. Sufficient thread shall be provided to prevent the nut from encountering thread runout.		The bolts used in the sign structure meet the requirements of AASHTO M 164 for High Strength Structural Bolts.	Conformance	11/19/2019 7:52:20 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		All washers shall conform to the requirements of AASHTO M 293 (ASTM F 436). Compressible-Washer-Type Direct Tension Indicators, if used, shall conform to the requirements of ASTM F 959.		All washers used conform to the requirements of AASHTO M 293.	Conformance	11/19/2019 7:52:20 PM -07:00	C		Closed
Central 70	C 0704-241	Fabricate Girders	Structures		Process Control and Quality Assurance. Process Control (PC) of structural steel is the responsibility of the Contractor. The PC inspector is the duly designated person who acts for and in behalf of the fabricator on inspection, testing, and quality matters within the scope of the contract documents. PC inspection and testing shall be performed at least to the extent specified in chapter 6 of AWS D1.5, and additionally as necessary to assure conformance with the requirements of the contract documents.		The contractor performed the necessary PC for the fabrication of the steel girders for the west half of span 3. There were some issues but these were resolved.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fabricate Girders	Structures		Start of Shop Work. Shop work shall not be started until the Contractor notifies the Engineer in writing where the shop orders were placed. The fabricator shall give prior notice to beginning of shop work, so that inspection may be provided. The proposed production schedule, including the start of production and shipment dates, shall be submitted to the Engineer.		Shop work was not started until the contractor notified the Engineer in writing when the shop orders were placed. The proposed production schedule, including the start of production and shipment dates, was included.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate Girders	Structures		Plans and Shop Drawings. The Contractor shall furnish shop drawings in conformity with subsection 105.02 for all structural steel bid under this section. Shop drawings shall specifically identify each piece, the direction of rolling for plates where specific orientation is required, the location of all welded splices, and the location, the extent, and the criteria of nondestructive testing. Pieces of steel that require Charpy V-notch tests shall be identified and listed as to the frequency of test used.		The Contractor furnished shop drawings in conformity with subsection 105.02 for all the structural steel bid under this section. This included identifying each piece, the direction of rolling for plates where specific orientation is required, the location of all welded splices, and the location, the extent, and the criteria of nondestructive testing. Pieces of steel that required Charpy V-notch tests were identified and listed as to the frequency of test used.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fabricate Girders	Structures		Frequency. Inspection of all intervals of fabrication welding, including each shift on a daily basis, shall be performed by an AWS certified welding inspector, or an AWS certified assistant welding inspector under direct supervision of the certified welding inspector. Direct supervision shall be defined as on site monitoring of all inspection activities on each shift on a daily basis.		Inspection of all intervals of fabrication welding, including each shift on a daily basis, were performed by an AWS certified welding inspector.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate Girders	Structures		Supervision. Adequate supervision and process control of all welding shall be provided to ensure satisfactory, consistent, and uniform workmanship. Recurring weld defects shall be considered evidence that proper control and supervision are not being provided. Welding and associated fabrication operations shall be suspended when, in the opinion of the QA inspector, there is a lack of proper process control. Operations shall not resume until the fabricator has made a significant change in procedure. Proposed changes shall be defined and submitted in writing and approved by the QA inspector prior to resuming fabrication.		Recurring weld defects happened and were that the process needed to be changed to keep these from happening. Welding and associated fabrication operations were suspended when, in the opinion of the QA inspector, there is a lack of proper process control. Operations did not resume until the fabricator made a significant change in procedure. Proposed changes were defined and submitted in writing and approved by the QA inspector prior to resuming fabrication.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed

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Central 70	C 0704-241	Fabricate Girders	Structures		Reports. The PC inspector shall submit the following reports to the QA inspector prior to acceptance: all nondestructive test reports, including tests of all repaired areas, the visual test report for all welds, dimensions, camber, and sweep measurements, welder qualification records, welding procedure specification, procedure qualification records, welding machine settings, material traceability to each main member plate, and paint inspection reports. After each girder has been inspected by process control and has been accepted as conforming to the contract requirements, but prior to painting, the QA inspector shall be notified. The QA inspector shall determine the acceptability of the girder.		PC submitted all of the reports to the QA inspector but as the girders are weathering steel, no painting was involved.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate Girders	Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed in areas exceeding the requirements of AWS D1.5 due to fillet weld issues found at the girder ends. MT was conducted in accordance with ASTM E 709 and AWS D1.5, except as amended.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate Girders	Structures		End Treatment of Webs and Flanges. The ends of webs and flanges shall be flush and within the same plane so as to leave no reentrant corners.		End treatment of webs and flanges were flush and within the same plane as to leave no reentrant corners.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fabricate Girders	Structures		Process. Welding of steel structures shall conform to AWS D1.5 as amended herein. All web and flange butt joints and web to flange welds shall be made using the submerged arc welding process (SAW). Alloy "active" fluxes shall not be used in groove welds or fillet welds with more than three passes. Repairs may be made using submerged arc welding or shielded metal arc welding (SMAW). Flux core arc welding (FCAW) will be permitted on secondary to main member attachments when performed in the flat or horizontal positions. Vertical or overhead FCAW shall be limited to only that work approved by the QC inspector.		Welding of the steel girders conformed to AWS D1.5 as amended in the specifications.	Conformance	5/18/2020 9:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/10/2019 2:16:35 PM - 06:00	The bottom of a sign mounted on a barricade, or other portable support, shall be at least 1 foot above the traveled way.		One Vehicle per Green Sign was mounted at least 1 foot above traveled way.	Conformance	7/10/2019 7:38:08 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/25/2019 3:23:04 PM - 06:00	The bottom of a sign mounted on a barricade, or other portable support, shall be at least 1 foot above the traveled way.		Barricade mounted signs are at least 1 foot above traveled way.	Conformance	7/25/2019 9:17:47 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/16/2019 4:28:51 PM - 06:00	The bottom of a sign mounted on a barricade, or other portable support, shall be at least 1 foot above the traveled way.		Signs mounted on barrier were at least 1 foot above traveled way.	Conformance	7/15/2019 9:28:37 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		The concrete used for the cast in place barrier conformed to the requirements of Section 601.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		The concrete for the slip formed barrier conforms to the requirements of Section 601 and is an IQC approved mix design.	Conformance	9/26/2019 2:07:29 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Footing concrete was tested and approved by IQC.	Conformance	7/2/2019 9:01:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		The concrete used for cast in place barrier meets the requirements of Section 601.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing steel meets the requirements of Section 602.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		#8 Epoxy dowel bars x 12" were used.	Conformance	7/2/2019 9:01:19 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		All reinforcing steel used conforms to the requirements of Section 602.	Conformance	9/26/2019 2:07:29 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		The reinforcing steel used in the concrete barrier conformed to the requirements of Section 602.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete for bridge rail shall be Macro Fiber-Reinforced Class D Concrete and conform to the requirements to the requirements of Section 601.		Concrete for the bridge rail was Macro Fiber-Reinforced Class D concrete and conformed to the requirements of Section 601. The mix design was reviewed and approved by IQC.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	All dissimilar metals (two types of metals) that are in contact with each other have been separated by an approved protective coating		Please ensure while splicing the epoxy longitudinal bar, that coated tie wire is used.	NCR 1217 written	7/15/2019 4:29:04 PM -06:00	Audit Comment	Acknowledged. When Coated bar is used the PC and IQC inspections verify the proper tie wire.	Closed

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Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	All materials have been approved and COC's processed by IQC.		This inspector could not find the MRR for the type CE barrier dowel bars referencing the East segment. The MRR located that references CE barrier and the center segment had not been approved/accepted by IQC.	NCR 1217 written	7/15/2019 4:29:08 PM -06:00	NC-2	This issue will be resolved in NCR 1217.	Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		Post were installed firm and plumb.	Conformance	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		Posts appear to be firmly installed and plumb.	Conformance	2/4/2020 9:22:10 AM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		All post were installed form and plumb.	Conformance	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		All post install are firm and plumb.	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		No metal post were cut during installation.	Conformance	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		Post were driven without damage.	Conformance	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		No distortion or other damage was observed on posts.	Conformance	12/16/2019 8:19:02 AM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		All post were installed without distortion burring.	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts where set by (1) driven into place, (2) set in dug holes, (3) set in concrete base, (4) posts on bridges shall be shown on the plans.		All posts installed were driven into place.	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		All posts where set by (1) driven into place, (2) set in dug holes, (3) set in concrete base, (4) posts on bridges shall be shown on the plans.		All post were driven into place.	Conformanc e	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts where set by (1) driven into place, (2) set in dug holes, (3) set in concrete base, (4) posts on bridges shall be shown on the plans.		All post set were driven into place.	Conformanc e	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Wood posts cut in the field shall have the cut surfaces protected with two coats of an approved preservative.		No wood post were used during this installation.	Conformanc e	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts are spaced in accordance with CDOT Standard Plan M-606-1.		Posts were measured and in accordance with CDOT specs.	Conformanc e	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts are spaced in accordance with CDOT Standard Plan M-606-1.		Post were spaced in accordance to M&S standards.	Conformanc e	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All posts are spaced in accordance with CDOT Standard Plan M-606-1.		Posts appear to be spaced at 5' (roughly).	Conformanc e	2/4/2020 9:22:10 AM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts are spaced in accordance with CDOT Standard Plan M-606-1.		All posts are space in accordance with CDOT Standard Plan M-606-1 at 6'3".	Conformanc e	4/24/2020 8:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All posts lengths are in accordance with CDOT Standard Plan M-606-1.		Posts appear to be the correct length.	Conformanc e	2/4/2020 9:22:10 AM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were properly lapped and in the correct direction of traffic.	Conformanc e	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were inspected, properly lapped, and in the correct direction of traffic.	Conformanc e	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were properly lapped in the correct direction of traffic.	Conformanc e	12/16/2019 8:19:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		All rail section installed are properly lapped and in the correct direction of traffic.	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	9/18/2019 4:43:34 PM -06:00	All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Spliced at the omitted posts are not lapped properly based on direction of traffic. Photos attached.	1519 created.	9/30/2019 10:01:53 AM -06:00	NC-1	NCR 1519 was issued. Guardrail was reworked to specification on night shift 9/18/19.	Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		All bolts, fitting and metal plates are securely in place. All bolts are drawn tight.	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		Mo loose bolts or plates were identified during inspection.	Conformance	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		All bolts, and metal plates checked were securely in place.	Conformance	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts shall be of sufficient length to extend beyond the nut.		Bolts checked extended beyond the nuts.	Conformance	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts shall be of sufficient length to extend beyond the nut.		Bolts observed extended beyond the nuts.	Conformance	3/9/2020 11:21:51 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height and face were measured and are within tolerance of CDOT spec.	Conformance	3/9/2020 11:21:52 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height checked in various locations and were in tolerance with specs.	Conformance	4/13/2020 1:29:15 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height and face are within tolerance per CDOT Standard Plan M-606-1	Conformance	4/24/2020 8:44:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	9/18/2019 4:43:34 PM - 06:00	All end terminals/transitions have been installed per manufacturer's recommendations/instructions have been inspected by IQC prior to being opened to traffic.		Based on the MOT phase in place the guardrail should be tied into the permanent barrier wall. Attached are the MOT sheets for this phase along with photos.	1513 was created	9/30/2019 10:02:03 AM -06:00	NC-2	NCR 1513 was issued. Guardrail was reworked to specification per CDOT standard spec 606 on night of 9/18/19	Closed
Central 70	C 0704-241	Guardrail	Roadway	9/18/2019 4:43:34 PM - 06:00	All end terminals/transitions have been installed per manufacturer's recommendations/instructions have been inspected by IQC prior to being opened to traffic.		Central Park EB on ramp end treatment the nuts on the end anchorage cable are not tightened. Photos attached.	1519 created.	9/30/2019 10:01:48 AM -06:00	NC-1	NCR 1519 was issued. Guardrail was reworked to specification 606 on night of 9/18/19	Closed
Central 70	C 0704-241	Guardrail	Roadway		All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		End terminals have not been completed per CDOT M&S Standard Plans. This work must be completed prior to opening to traffic.	End Terminals will be verified upon installation.	3/9/2020 11:22:30 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Guardrail	Roadway		All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		Transition sections to concrete barrier were observed to be installed per CDOT Standards.	Conformance	12/16/2019 8:19:02 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		The contractor checked the barrier in the longitudinal direction and made corrections where necessary.	Conformance	9/26/2019 2:07:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		I mentioned to IQC that the the subcontractor (CEI) should be using the straightedge more to check the barrier. The IQC inspector addressed this with the subcontractor and I observed more usage of the straightedge afterwards.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10' straightedge and was in tolerance.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10' straightedge ans was in tolerance.	Conformance	10/28/2019 3:57:32 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		The IQC inspector checked the barrier with a 10' straightedge in the longitudinal direction and corrections were made when needed.	Conformance	2/7/2020 6:43:38 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		The contractor used a straightedge in the longitudinal direction and made corrections as necessary.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The permanent barrier was constructed using the slip form method.	Conformance	2/7/2020 6:43:38 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	10/1/2020 10:36:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The permanent concrete barrier was constructed using the slipform method.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was constructed with cast in place methods.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The permanent concrete barrier was constructed by slipform.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The permanent concrete barrier was constructed using the slipform method.	Conformance	9/26/2019 2:07:29 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM -06:00	Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Footing was poured using the cast-in-place method.	Conformance	7/2/2019 9:01:19 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM -06:00	The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		The dowel bars were not at the correct embedment (6") or spacing 2'. Dowel bars were not located 1' from all joints. Joints were incorrectly created (top tooled joint didn't like up with side joints). Spacing of joints were at approximately 15' which is allowed per the request for clarification. Please see attached document.	NCR 1217 written	7/15/2019 4:29:13 PM -06:00	NC-2	This issue will be resolved in NCR 1217	Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		The bottom of the trench was completed to the density specified.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Bottom of the trench was completed, density tests performed and passed.	Conformance	10/28/2019 3:57:32 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		The contractor performed a minimal amount of hand finishing that conformed with subsection 601.12 (a).	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/3/2019 7:16:18 AM - 06:00	When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Finish was appropriate.	Conformance	7/2/2019 9:01:19 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		The contractor only performed minimal hand finishing, mostly vertical finish brooming.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		The contractor hand finished the barrier with a vertical pass of the broom.	Conformance	2/7/2020 6:43:38 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces received a vertical broom finish.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical faces were given a broom finish.	Conformance	10/1/2020 10:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Vertical surfaces of the slipformed barrier received a vertical broom finish.	Conformance	2/7/2020 6:43:38 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces of the slipformed barrier received a vertical broom finish.	Conformance	9/19/2019 12:58:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces of the slipformed barrier did receive a vertical broom finish.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces of the slipformed barrier received a vertical broom finish.	Conformance	9/26/2019 2:07:29 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		All vertical surfaces were broom finished.	Conformance	10/28/2019 3:57:32 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Slipformed barrier received a vertical broom finish.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Contractor furnished a 10' straightedge and no deviations were observed.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Contractor furnished and checked surface tolerances with a 10' straightedge. No deviations noted.	Conformance	10/28/2019 3:57:32 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		The contractor did furnish an approved 10 foot straightedge and provided an operator to test the exposed surfaces. Deviations in excess of the specified tolerance were corrected.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Barrier was not out of tolerance when checked with 10 foot straightedge.	Conformance	10/1/2020 10:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		The contractor furnished an approved 10 foot straightedge and an operator to aid in inspection of the barrier.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Longitudinal surface tolerances met all requirements of the specifications.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Deviations in excess of those specified (0.25" on 10') were corrected by the contractor.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		I observed no deviations outside the tolerances that required correction for the remaining surfaces.	Conformance	8/8/2019 2:36:26 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		Longitudinal surface were checked with a 10' straightedge and was within specified tolerance.	Conformance	10/28/2019 3:58:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No patching was required on the barrier.	Conformance	11/8/2019 8:52:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		The concrete barrier that was constructed was in tolerance and required no patching.	Conformance	2/7/2020 6:43:38 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Concrete barriers were in acceptable condition.	Conformance	1/13/2020 8:10:26 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/17/2019 8:32:34 AM -06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier walls had less than 5 square feet of spalls, breaks, or cracking.	Conformance	9/16/2019 12:58:18 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)	9/12/2019 4:33:35 PM -06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barriers placed for Kearney closure had corner spalls over 5 square feet of barrier, cracks full depth and full height, and exposed J hooks.		9/24/2019 7:41:16 AM -06:00	NC-2	NCR 1494 was written to resolve the barrier and closure issues at S Stapleton and Kearney	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/20/2019 7:23:30 AM - 06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier placed did not have damage over 5 square feet.	Conformance	8/19/2019 4:13:36 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/29/2019 10:05:35 AM - 06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barriers had less than 5 square feet of spalls per segment.	Conformance	7/25/2019 9:05:20 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Precast barrier did not have defects over 5 square feet.	Conformance	10/17/2019 6:49:51 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier sections did not have more than 5 square feet of defects per segment.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Various barriers placed contained full height cracking for the full thickness of the barrier. Other barriers had corner spalls, some totalling over 5 square feet of barrier.		8/22/2019 8:29:12 AM -06:00	Audit Comment	Large damage was repaired prior to opening, small issues were left as they are not a safety issue	Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:20:09 AM - 06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Multiple barrier sections had corner spalls with exposed rebar and failed patches. IQC said patching will be planned for barriers with spalls, however a timeline has not been established for patch repair. Bridge was opened before patching operations were completed.	1487 created	9/18/2019 7:49:54 AM -06:00	NC-2	NCR-1487 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	10/18/2019 3:28:08 PM - 06:00	Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Although several barriers had corner breaks and spalls, none were over 5 square feet total per barrier.	Conformance	10/17/2019 9:07:36 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	Connecting loops shall not be frayed, stretched, or deformed.		J Hook barrier was used, and all hooks were engaged fully.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		Connecting loops were not damaged.	Conformance	1/13/2020 8:10:26 AM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	8/20/2019 7:19:20 AM - 06:00	If the end is not at the location of a planned end section, install a temporary impact attenuator or provide treatment as shown in the Contract.		Attenuators were installed at ends of barrier. Barrier was shortened 1 section at NW corner to allow for Sturgeon access, and at SE corner to allow for adequate turning radius.	Conformance	8/19/2019 3:07:38 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)	11/21/2019 3:46:54 PM - 07:00	If the end is not at the location of a planned end section, install a temporary impact attenuator or provide treatment as shown in the Contract.		Attenuators on new end section of barrier were placed according to specifications.	Conformance	11/21/2019 2:03:36 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	11/20/2019 9:59:15 AM - 07:00	Reflector tabs were installed per standard drawings.		Reflector strips were installed per standards.	Conformance	11/19/2019 7:51:37 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Reflector tabs were installed per standard drawings.		Reflector tabs were installed per specification.	Conformance	12/16/2019 8:19:02 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	Joint systems for siphons, irrigation systems, and storm drains shall be watertight. Watertight joint systems for plastic pipe shall conform to subsection 705.02.		Gaskets being used	Conformance	7/2/2019 8:59:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	6/28/2019 3:31:01 PM - 06:00	Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		ACI-117 Section 11 and ACI-318 Section 26.6.2 are attached for additional supporting information to comment #27.	1195 created.	7/15/2019 4:30:20 PM -06:00	Audit Comment	This issue will be resolved in NCR 1195	Closed
Central 70	C 0704-241	Bridge Deck	Cover		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		RFC-123 for Girder Hairpins. RFC-124 Cover Lid for Two Light Poles. NDC-181 for installation of approach slab bearing seats. The structural slab, diaphragms were tied within conformance with the plans and shop drawings.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM - 06:00	Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		This is merely for document tracking. Chris Merrifield has written an RFC for clarification. Once the approval for this clarification comes through, the NCR can be closed. The plans call for a 4' 6" minimum vertical depth (Plan Sheet RP-C1-01). ACI 117 tolerances would not apply due to this specific dimension. Reference "Rebar Shop Drain Cover Abut 3 Cap - For Sections other than the Bridge Section". Approximately 147ft of Abutment 3 was placed from drilled shaft A3-67 to A3-87. There were two 10ft areas that were 1/2" shy of the minimum vertical depth. There were three 10ft areas that were 1/4" shy of the minimum vertical depth. The 3" to 4" mud mat was pour high which in turn caused the issue with the vertical depth of the abutment. Both PC and IQC took place in the measurements that were taken for verification.	1325 created	8/14/2019 12:48:22 PM -06:00	NC-2	NCR 1325 was written to track this issue Per Merrifield	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		The Cover Abutment 3 Bookend End was missing steel in several locations and the clear cover was not adequate in multiple locations. Please see the attached QCAT Field Issue Conversation email string. The issues were fixed before the placement on Saturday, February 22nd.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Concrete construction and materials within conformance with ACI 117, and as stated within the specifications, plans, and tolerances.	Conformance	3/2/2020 9:53:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		A rebar inspection was completed on Wednesday, 10/23/2019. The inspection was completed on Columns C-25 and C-26. The CSL tubes on C-25 were filled with grout before the form was placed.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	10/29/2019 9:23:12 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Drainage system that was called out to be protected has not been protected per plan sheet DR-014.	NCR Written	3/19/2020 7:41:42 AM -06:00	NC-2	NCR 1717 disposition addresses this issue with KIE-RSUB-000035	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/20/2019 7:17:39 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Metal tracked equipment was observed driving on existing paved surface at 46th ave. Pavement damage was observed from equipment. Other equipment was observed driving through street without chase vehicle.	See NCR 1355	9/3/2019 8:32:11 AM -06:00	NC-2	NCR 1355 was written to track this issue.	Closed
Central 70	C 0704-241	HMA	Roadway	10/3/2019 9:52:46 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Area of damage occurred at STA2317+00. United Rentals operator drove excavator from dirt onto new asphalt and onto a loading semi trailer. In the process of tracking metal tracks onto asphalt the excavator damaged roadway.	Response Acceptable	3/10/2020 11:22:08 AM -06:00	Audit Comment	Areas are walked and evaluated by IQC for damage prior to next lift of asphalt being placed	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/8/2019 7:20:06 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		A sheepsfoot roller was observed driving on NB Havana. Existing pavement was damaged.	See NCR 1355	9/13/2019 7:32:18 AM -06:00	NC-2	NCR 1355 was issued to address.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	9/3/2019 12:21:58 PM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Paving operations of second lift of asphalt was begun on asphalt mat that had not been completely cooled to a temperature at which paver could operate on mat without damaging existing lift. As a result, ruts from paving tracks were observed on mat.		9/16/2019 5:13:15 PM -06:00	Audit Comment	When hot stacking HMA minimal rutting is typical. The paver weighs 80,000 lbs. The PC team monitors temperatures. The ruts are removed with compaction efforts during 2nd lift	Closed

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Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/3/2019 7:21:10 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Crew installing the drainage damaged the permanent pavement previously installed. Permanent pavement was ripped into with an excavator bucket. The width of damage varies from 12-15ft down to 1-2ft. Along with removing permanent pavement the crew removed the roadway base.	NCR 1211	7/23/2019 12:21:34 PM -06:00	NC-2	This issue will be addressed in NCR 1212	Closed
Central 70	C 0704-241	Subgrade	Earthwork	7/10/2019 2:11:54 PM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		The existing concrete pavement behind Wall 621-W1 has been undermined during the construction of the wall. Various location can be found where the existing subgrade of the concrete pavement has either cracked and started sloughing off the vertical cut face, completely sloughed off the wall leaving cavities, or has started settling creating a void between the top of subgrade and bottom of pavement. The department has found several locations where cavities from 1-3' exist under the existing concrete pavement while at the various settlement locations the gap between bottom of pavement is 1/4" to 3/4". Crews have placed	Verified NCR 1285 addressed this issue	4/13/2020 2:06:30 PM -06:00	NC-2	This issue will be resolved in NCR 1285	Closed

							structural backfill inside the caved out locations although the material placed in these areas have not been compacted. Attached are photos of the issues along with the typical section for this area. The area in question is called out for mill and overlay without subgrade reconstruction and runs approximately the full length of the wall. Other members of the department management team brought this issue up with management of the grading team on 05/14/19.					
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	8/14/2020 4:34:48 PM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		During construction for CIP coping, an area of the sign foundation was chiseled out. Rebar for foundation is now exposed.	See NCR 2201	11/18/2020 12:52:06 PM -07:00	NC-2	NCR 2201 was written to track this issue. In addition to the NCR a project wide quality alert was distributed discussing the importance of protecting finished work	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	12/6/2019 9:01:53 AM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Site is well maintained.	Conformance	12/5/2019 9:53:43 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		All reinforcing and embedment items supports, bolsters, chairs, and spacers shall be CDOT approved. These items shall be plastic, rubber, or epoxy coated at all areas that will contact external concrete surfaces, unless otherwise shown on the plans.		From visual inspection, all of the embedded items in contact with the forms were plastic or rub coated.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Reinforcing Bars. All reinforcing bar material shall be grade 60 minimum and shall conform to ASTM A615, or ASTM A706; epoxy coated bars shall also meet ASTM D3963. Reinforcing bars that require welding shall conform to ASTM A706. Welding of A706 bars shall be done in accordance with ANSI / AWS D.1.4.		The reinforcing steel was verified to be grade 60.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Steel and metal products shall be free of loose rust and foreign substances before incorporation into the cast product. The presence of rust on strand shall not necessarily be cause for rejection. Light rust and rust that does not result in visible pitting of the prestressing steel with the unaided eye shall be acceptable.		All strands and reinforcing steel were free of rust and foreign materials. The casting area was clean.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Chemical Admixtures		Each bag of polypropylene fiber was 1.75lbs. 2 bags were added for each cubic yard of concrete that was batched for the casting of the bottom flange. The fiber matches the material submittal in Aconex.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Minimum cover for prestressing steel shall be 1 1/2 inches, unless otherwise shown in the Contract. Minimum clearance for reinforcing steel shall be 1 inch unless otherwise shown in the Contract.		A 1.5" clear cover was verified for the vertical webs. 2" of clear cover was verified for the bottom flange. 1.5" clear cover was verified for the vertical end faces. Reference Plan Sheet 93/94 of 133 "Cover Structure Precast Box Girder Shop Drawings"	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Shop Drawings. The Contractor shall furnish shop drawings in conformity with subsection 105.02 for all prestressed components. When the Contractor's Engineer completes or revises design details or engineering drawings, then those engineering drawings and details that are submitted to the Engineer shall contain the endorsement seal of a Professional Engineer registered in the State of Colorado.		The following shop drawings were used. Plan Sheet 93/94 & 101/102 of 133. "Cover Structure Precast Box Girder Shop Drawings". Each sheet that was used had the appropriate stamp.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Location and arrangement of prestressing strands.		All locations and strands locations were verified with the plans.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Location, description, and detail of structural reinforcing items, excluding minor items used for field erection.		All structural reinforcing items were verified with the shop drawings.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Provisions for diaphragm connections.		The strands that will be cast into the diaphragm are designated by a star in the shop drawings. The dimensions of the bend/development length is also included.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Location and detail of debonded strands.		Locations of debonded strands were verified with the plans.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Frequency. QC inspection and testing at all intervals of duct anchorage, duct splice operations, forming, tensioning, steel and concrete placement, curing, and storage operations shall be performed in accordance with the accepted QCP.		Since casting began, the first girder had an issue with the foam embed floating. The issue was resolved and has not occurred since. Reference NCR-1114 for further information.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Strands that have received final tensioning shall be protected from temperature fluctuations greater than 40 °F until the time of concrete placement. The Contractor may apply stress corrections at the rate of 1 percent per 11 °F, for temperature variation between final tensioning and concrete placement. This requirement does not apply to self-stressing bed setups.		The concrete operation was started at 7:00 am the day of our observation. This minimized the chance of a 40F degree change occurring.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Tensioned prestressing steel shall be free from dirt, mud, ice, snow build up, oil, grease, paint, loose rust, and all other bond inhibiting substances prior to concrete placement. Visibly pitted strand shall not be used.		All strands were clean and free of foreign material.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Equipment. Equipment used for fabrication of pretensioned and combination tensioned members shall conform to the following requirements: Reference the specification for the following: Jacking Equipment and Load Cells. Calibration. Concrete Batching Equipment. Concrete Load Testing Machine. Concrete Cylinder Molds. Forms. Miscellaneous Test Equipment		Reference section 7.B "In-Process Inspection and Testing" of the Process Control Plan for the following items. The concrete testing was complete on behalf of the process control plan. Pre-pour inspections were conducted by Plum Creek Quality and Kiewit IQC Jim Chaney. Plum Creek Quality Control was witnessed conducting Post Pour Inspections.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Concrete and Steel for Other Members. Concrete for other members shall conform to the requirements of Section 601 and the plans. Reinforcing steel for other members shall conform to the requirements of Section 602.		FHWA was included in the Plum Creek facility visit. Please reference their attached write-up. The cold joint referred to in the write up was addressed in NCR's 1114, 1115 & 1116.	Conformance	8/5/2019 10:47:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		Under Appendix 3 of Lobato's process control plan, please see the Columbine pour sequence. The deck exceeded 3.5% on span 2 and was placed in accordance with the specification.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		The process control plan was submitted and accepted before the placement of the Clayton and Columbine deck pre-pour meeting.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		Please see the last page of Lobato's Process Control Plan. It includes all of the names and associated parties that attended the pre-pour meeting.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		A pre-placement conference was held with all applicable parties in attendance. The required topics were discussed prior to deck placement at Monroe Bridge.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		A pre-placement conference was held, and all required parties were in attendance to discussed required topics.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Entire top of girder bridge deck should be a minimum of 35 degF and should not rely on sun to warm up the girders prior to concrete placement. Span 1 only was covered with blanket and heated, and once Span 2 was reached the required temperature was just reached. Adequate measures should be in place moving forward.	Changing circumstances regarding weather and temperatures will be accounted for when planning moving forward.	1/28/2020 10:45:39 AM -07:00	Audit Comment	The phasing of the deck looked at during planning and the ambient temperature forecast. The deck was covered with thermal blankets and ground heaters. After uncovering the deck the ambient temps dropped below the anticipated temperature. As soon as the sun came up the deck was per specification.	Closed
Central 70	C 0704-241	Bridge Deck	Structures		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Temperature of top of girders and pier caps was above the required 35 degF prior to concrete placement.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Top of girders, pier caps, and abutments were all above the minimum 35 degF temperature prior to concrete placement.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		The bridge deck surface was well above 35F prior to the concrete placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		All areas of the deck were consolidated with a mechanical vibrator. Due to the complex slopes at span 2, the western and eastern edges were finished by hand while the large middle area was finished with the bid well. Due to the complex slope at span 1, the western edge was finished by hand. The rest of the surface was finished with the bid well. Please reference the attached photos.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete was placed in a manner so as to require as little handling as possible, and to provide sufficient depth of material for screeding and finishing operations.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete being placed in a manner to require as little handling as possible, while also have adequate material for screeding and finishing operations.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		When the evaporation rate is equal to or above 0.2 pounds per square foot per hour, the Contractor shall take actions (such as cooling the concrete, installing wind breaks, sun screens, etc.) to create and maintain an evaporation rate less than 0.2 pounds per square foot per hour on the entire bridge deck.		By using the ACI Evaporation Chart, I was able to determine that the evaporation rate was not over 0.2 pounds per square foot per hour so no mitigation measures were required.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		A power washer was used to fog the surface of the concrete as well as moisten the dry concrete deck surface before placement. Since a power washer was used, the amount of water for fogging was excessive. This would have helped finishing the surface from Comment #18.	Closed	9/3/2019 7:49:14 AM -06:00	Audit Comment	We will add the amount of fogging water used to next pre deck placement meeting.	Closed
Central 70	C 0704-241	Bridge Deck	Structures		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Fogging equipment required did not result in water dripping, flowing, or puddling on concrete surfaces prior to concrete achieving final set.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Fogging equipment did not result in puddling of water prior to concrete setting.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If placement is delayed or work is not progressing in a satisfactory manner 601.15 (c) for joints is being followed.		The placement was continuous throughout the entire pour.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		The number of vibrators was adequate for the placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Suitable mechanical vibrators were provided by the contractor to densify the concrete at point of discharge within the forms.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Suitable mechanical vibrators were provided and used appropriately.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM -07:00	The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Suitable mechanical vibrators were provided by the contractor.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		A combination of immersion vibration and surface consolidation shall be used.		Only immersion vibrators were used to consolidate the concrete.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		A bid well was used as the mechanical rolling device.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Following consolidation, the concrete was struck off and finished with mechanical longitudinal rolling and surface vibration through the use of bidwell.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM -07:00	Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Following vibration and consolidation operations, the concrete is being struck off and finished with screed and finishing machine.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Following consolidation, concrete was finished by screed conforming to the plan.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If the surface of the deck slab becomes dry immediately following finishing operations, due to an excessive evaporation rate, it shall be covered with wet burlap or fogged with water covering the entire deck surface using pneumatic atomizing nozzles. The fog spray shall be just enough to retard surface evaporation and shall not change the water-cement ratio. During periods of excessive drying, a cover of wet burlap or plastic sheeting shall be maintained on the slab at all times until final cure is placed.		Reference comment #33. Since the evaporation rate was insignificant, a membrane curing compound was adequate until wet burlap was placed on the surface.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		For the final finish a seamless strip of plastic turf shall be dragged longitudinally over the full width of bridge deck after a seamless strip of burlap or other approved fabric has been dragged longitudinally over the full width of bridge deck to produce a uniform surface of gritty texture.		Burlap was dragged longitudinally over the full width of the bridge deck to produce a uniform gritty texture on the surface.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The drags shall be mounted on a bridge other than the bridge to be furnished for Department use. The dimensions of the drags shall consist of sufficient material and be maintained in such a condition that the resultant surface finish is of uniform appearance and reasonably free from grooves over 1/16 in depth. Where more than one layer of burlap drag is required, the bottom layer shall be approximately 6 inches wider than the layer above. Drags shall be maintained clean and free from encrusted mortar. Drags that cannot be cleaned shall be discarded and new drags installed.		Drags were of sufficient material and maintained in a condition to produce a result with uniform appearance and reasonably free from grooves.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Except for Class H and HT concrete, the minimum curing period shall be 120 hours. For Class H and HT concrete the minimum curing period shall be 168 hours.		The deck will be cured for a period of 5 days.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		Concrete surface was kept moist at all times by fogging until the curing material was in place.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		Concrete surface was maintained moist at all times by fogging until curing material was put in place.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM -07:00	The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		Concrete surface being kept moist by fogging until curing material is in place.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		2. Water Cure Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		A membrane curing compound was applied shortly after the concrete was finished. Once the concrete reached final set, wet burlap/curing blankets were used.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Decks placed between November 1 and March 31 shall be cured by application of a membrane forming curing compound followed by the blanket method as follows:		Deck placed November 15th.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		1. Membrane Forming Curing Compound Method. This method shall be applied in accordance with subsection 601.16(a)1 above.		Curing compound method was used and applied in conformance with the specifications and manufacturers recommendations.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water Curing Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend at least twice the thickness of the bridge deck beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		Entire length and width of bridge deck was covered with wet polyethylene sheeting, and remained in place for entirety of curing period.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		<p>When the ambient temperature is expected to fall below 40 °F during the curing period, the Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall provide suitable measures such as straw, additional burlap, or other suitable blanketing materials, and/or housing and artificial heat to maintain the concrete temperatures between 50 °F and 75 °F as measured on the upper and lower surfaces of the concrete. The Contractor shall enclose the area underneath the deck and heat it so that the temperature of the surrounding air is as close as possible to the temperature of the concrete and between 50 °F and 75 °F. When artificial heating is used to maintain the concrete, adequate ventilation shall be provided to limit exposure to carbon dioxide. The Contractor shall maintain the wet burlap and polyethylene cover during the curing period. Heating may be stopped after the first 72 hours if the time of curing is lengthened to account for periods when the ambient air temperature is below 40 °F. For every day the ambient temperature is below 40 °F, an additional day of curing with a minimum ambient air temperature of 50 °F will be required. After completion of the required curing period, the Contractor shall remove the curing and protection so that the temperature of the concrete during the first 24 hours does not fall more than 25 °F.</p>		Internal concrete temperature was maintained throughout the curing period.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		<p>When the ambient temperature is expected to fall below 40 °F during the curing period, the Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall provide suitable measures such as straw, additional burlap, or other suitable blanketing materials, and/or housing and artificial heat to maintain the concrete temperatures between 50 °F and 75 °F as measured on the upper and lower surfaces of the concrete. The Contractor shall enclose the area underneath the deck and heat it so that the temperature of the surrounding air is as close as possible to the temperature of the concrete and between 50 °F and 75 °F. When artificial heating is used to maintain the concrete, adequate ventilation shall be provided to limit exposure to carbon dioxide. The Contractor shall maintain the wet burlap and polyethylene cover during the curing period. Heating may be stopped after the first 72 hours if the time of curing is lengthened to account for periods when the ambient air temperature is below 40 °F. For every day the ambient temperature is below 40 °F, an additional day of curing with a minimum ambient air temperature of 50 °F will be required. After completion of the required curing period, the Contractor shall remove the curing and protection so that the temperature of the concrete during the first 24 hours does not fall more than 25 °F.</p>		<p>Suitable measures to maintain the internal temperature of concrete above 50 degF were provided by the contractor for the entirety of the curing period.</p>	<p>Conformance</p>	<p>11/18/2019 7:38:49 AM -07:00</p>	<p>C</p>		<p>Closed</p>

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	<p>When the ambient temperature is expected to fall below 40 °F during the curing period, the Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall provide suitable measures such as straw, additional burlap, or other suitable blanketing materials, and/or housing and artificial heat to maintain the concrete temperatures between 50 °F and 75 °F as measured on the upper and lower surfaces of the concrete. The Contractor shall enclose the area underneath the deck and heat it so that the temperature of the surrounding air is as close as possible to the temperature of the concrete and between 50 °F and 75 °F. When artificial heating is used to maintain the concrete, adequate ventilation shall be provided to limit exposure to carbon dioxide. The Contractor shall maintain the wet burlap and polyethylene cover during the curing period. Heating may be stopped after the first 72 hours if the time of curing is lengthened to account for periods when the ambient air temperature is below 40 °F. For every day the ambient temperature is below 40 °F, an additional day of curing with a minimum ambient air temperature of 50 °F will be required. After completion of the required curing period, the Contractor shall remove the curing and protection so that the temperature of the concrete during the first 24 hours does not fall more than 25 °F.</p>		<p>Bridge deck is to be covered for entirety of curing period with blankets and artificial heating will be applied to maintain required concrete temperatures.</p>	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Internal concrete temperature shall be determined by using thermocouples. Thermocouple wire, connectors and hand held thermometer shall be supplied by the Contractor. The Contractor shall install the thermocouples at locations designated by the Engineer.		Internal concrete temperature being determined through the use of maturity meters. All wiring and connectors were supplied by the contractor and installed at each abutment and pier diaphragm.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		During the curing period, the Contractor shall monitor the enclosure at intervals acceptable to the Engineer. The Contractor shall monitor concrete temperature, and the structural integrity of the enclosure. Artificial heat sources shall not be placed in such a manner as to endanger formwork or expose any area of concrete to drying due to excessive temperatures.		During the curing period, the contractor monitored the concrete temperature and structural integrity of the enclosed area.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	9/6/2019 2:38:30 PM - 06:00	Acceptability of the deck surface will be determined as follows: The Contractor shall furnish a 10 foot straightedge or other approved device. When the concrete is sufficiently hard, the Contractor shall test the bridge deck surface with the 10 foot straight edge or other approved device. Areas showing high spots of more than 1/8 inch but not exceeding 1/2 inch in 10 feet shall be marked. The marked areas shall be immediately ground with an approved grinding tool so that the surface deviation will not be in excess of 1/8 inch in 10 feet. Grinding shall not reduce the concrete cover on reinforcing steel to less than 1 3/4 inches, (2 3/4 inches for bare decks without an overlay). Decks that require additional corrective action shall be corrected with a concrete overlay approved by the Engineer.		Pablo Mitjans and I straightedged the 270 bridge deck and found seven locations that exceeded 1/4". All of these locations were marked like the picture attached.	NCR was written to address the issue.	9/16/2019 12:54:17 PM -06:00	NC-2	NCR 1452 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Movable bridges or platforms shall be provided by the Contractor and moved as directed to allow the inspectors to work over the freshly placed plastic concrete. A movable bridge shall be kept as close to the finishing screed as practical. The deck of the movable bridge shall be a minimum of 24 inches wide and no more than 24 inches above the surface of the concrete and shall be capable of supporting two people. The Contractor shall provide additional movable bridges as appropriate for the work.		The contractor has provided a movable finishing bridge for access over freshly placed concrete.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Movable bridges or platforms shall be provided by the Contractor and moved as directed to allow the inspectors to work over the freshly placed plastic concrete. A movable bridge shall be kept as close to the finishing screed as practical. The deck of the movable bridge shall be a minimum of 24 inches wide and no more than 24 inches above the surface of the concrete and shall be capable of supporting two people. The Contractor shall provide additional movable bridges as appropriate for the work.		Movable bridge in place and as close to finishing machine as practical to allow contractor and inspectors to work over freshly placed concrete.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Movable bridges or platforms shall be provided by the Contractor and moved as directed to allow the inspectors to work over the freshly placed plastic concrete. A movable bridge shall be kept as close to the finishing screed as practical. The deck of the movable bridge shall be a minimum of 24 inches wide and no more than 24 inches above the surface of the concrete and shall be capable of supporting two people. The Contractor shall provide additional movable bridges as appropriate for the work.		Movable bridge was in place and kept as close as possible to finishing screed as practicable.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Reinforcing steel checked prior to deck placement?		Deck reinforcement and diaphragm steel were both checked and approved by IQC prior to deck placement.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Reinforcing steel checked prior to deck placement?		The deck steel was inspection by IQC prior to deck placement. Please see the attached IQC inspection report.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Reinforcing steel checked prior to deck placement?		Reinforcing steel was checked prior to deck placement.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Required thickness and clearance maintained during dry run of finishing machine?		Required thickness and minimum clearances were maintained during dry run of finishing machine.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Required thickness and clearance maintained during dry run of finishing machine?		The dry run for both span 1 & span 2 were completed on Thursday, August 9th.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Required thickness and clearance maintained during dry run of finishing machine?		Required thickness and clearances were maintained during dry run of finishing machine.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Deck machine supported beyond edge of deck?		Deck machine was supported beyond edge of deck.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Deck machine supported beyond edge of deck?		The bid well rails were 2 feet beyond the edge of the deck placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Provisions and safety items for protecting workers and traveling public adequately addressed?		This was addressed in the Labato's process control plan. The crew followed this plan during the placement.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Provisions and safety items for protecting workers and traveling public adequately addressed?		Provisions and safety items for protecting workers and traveling public were addressed in the pre-placement conference prior to the deck placement.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Provisions and safety items for protecting workers and traveling public adequately addressed?		Safety of workers and traveling public were adequately addressed.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Mechanical vibrators providing required consolidation?		Mechanical vibrators are providing adequate consolidation.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Mechanical vibrators providing required consolidation?		Required consolidation being provided by mechanical vibrators.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Mechanical vibrators providing required consolidation?		Mechanical vibrators provided the required consolidation.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		Finishing machine provided a uniform sealed finished and reasonably free of air voids in the surface.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		The bid well provided a uniform sealed finish. Some air voids were found in the surface. Since the deck will not be the wearing surface, these air voids require not further action.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		Finishing screed provided a uniform sealed finish with minimum ridges / air voids in surface.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		Finishing machine providing a uniform sealed finish with minimum ridges or voids in surface.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	1/22/2020 11:49:01 AM - 07:00	Water only applied with an approved fog spray?		Water is only being applied as an approved fog spray.	Conformance	1/21/2020 1:06:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water only applied with an approved fog spray?		Water applied only as fog spray to ensure concrete moist until curing compound was placed.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water only applied with an approved fog spray?		Water was only applied with approved fog spray.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water not used to aid finishing?		Water was not used as a finishing aid.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		The contractor used a Bidwell screed and hand finishing was kept to a minimum in the concrete barrier area.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		No aluminum tools were observed on the job site.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		The top of the coping was the only area that required finishing and it was minimal.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized where possible. Methods used were in compliance.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		Hand finishing was performed with portable screed that is sufficiently rigid to retain its shape.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		Hand finishing began right after the concrete was deposited on the deck.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		The contractor did no finish work past 30 minutes or initial set.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Concrete was finished within appropriate time frame.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not performed after concrete has been in place for greater than 30 minutes.	Conformance	10/31/2019 3:01:16 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		All hand finishing was completed within the prescribed time limits.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Finishing tools made of aluminum shall not be used.		No aluminum tools were used.	Conformance	5/14/2020 4:41:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Finishing tools made of aluminum shall not be used.		The contractor used all magnesium floats and steel roller drums on the screed.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		The floats being used to finish the concrete are of magnesium construction.	Conformance	9/17/2019 9:38:46 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		The Contractor was using finishing tools made of magnesium.	Conformance	9/17/2019 9:39:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Finishing tools made of aluminum shall not be used.		All the concrete finishing equipment was made of magnesium.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Finishing tools made of aluminum shall not be used.		Hand finishing was mentioned on Pg. 9 of 18 in Lobato's Process Control Plan. The following areas were handfinished: around lightpole/ped pole pedestals, Denver waterline handholes, East & West complex slope at Span 2 & and West complex slope on Span 1 of the Columbine Bridge.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM - 06:00	Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment and blankets available to adequately maintain specified concrete temperatures for entirety of curing period.	Conformance	3/23/2020 1:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated blankets were utilized, and sufficient equipment (i.e. heater), to continuously maintain specified/ required temperature uniformly in all parts of the enclosed formwork.	Conformance	10/11/2019 3:44:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated blankets and sufficient equipment was supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Curing blankets were used to protect the placement.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient amount of blankets were utilized to ensure specified temperature requirements were maintained.	Conformance	10/31/2019 3:01:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated blankets and heaters were used to heat forms, as well as protect concrete after pour.	Conformance	2/13/2020 2:53:56 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient blankets were placed to continuously maintain the specified temperature.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete is being cured in accordance with section 601.13		Concrete was cured in accordance with approved method per Specifications Section 601.13.	Conformance	10/31/2019 3:01:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete is being cured in accordance with section 601.13		The curing method is in accordance with the specification.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM - 06:00	Concrete is being cured in accordance with section 601.13		Please reference comment #2.	An NCR was generated.	4/4/2020 2:13:56 PM -06:00	Audit Comment	NCR 2051 was written to address this issue	Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete is being cured in accordance with section 601.13		Concrete was cured in conformance with the specifications.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete is being cured in accordance with section 601.13		601.13 (C) Form Method is being utilized during curing until the maturity meter allows the forms to be removed.	Conformance	8/26/2019 4:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM - 06:00	Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with specifications.	Conformance	3/23/2020 1:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete is being cured in accordance with section 601.13		The curing was done in conformance with the specifications	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete is being cured in accordance with section 601.13		The concrete was cured in accordance with section 601.13.	Conformance	7/17/2019 10:53:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete is being cured in accordance with section 601.13		The bridge deck concrete was cured in accordance with section 601.13.	Conformance	7/17/2019 10:54:26 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		The concrete temperature was maintained in accordance for the specifications for the curing period but as this was poured during summer, no curing blankets were required and only curing compound, wet burlap and poly film were used.	Conformance	7/17/2019 10:54:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Insulated concrete tarps were used to cover the placement. A heater was onsite to maintain the placement temperature if required.	Conformance	2/24/2020 3:41:48 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM -06:00	Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained.	Conformance	3/23/2020 1:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in conformance with the specifications for the curing period.	Conformance	8/26/2019 4:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with the specifications.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		The curing temperature has been maintained throughout the curing period.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained through the use of blankets after placement, in accordance with specifications for the curing period.	Conformance	10/31/2019 3:01:45 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete cured by an approved method		Concrete curing was done so by an approved method.	Conformance	10/31/2019 3:01:45 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete cured by an approved method		Concrete is being cured by an approved method (blankets).	Conformance	3/12/2021 1:16:02 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete cured by an approved method		The concrete is being cured by an approved method.	Conformance	12/7/2020 10:56:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		The contractor used an approved curing method (an approved curing compound, along with poly film for a wet cure.)	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete cured by an approved method		Concrete cured by an approved method.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Concrete cured by an approved method		Concrete being cured within the forms.	Conformance	8/26/2019 4:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM -06:00	Concrete cured by an approved method		Concrete is being cured by an approved method.	Conformance	3/23/2020 1:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete cured by an approved method		The concrete was cured using a curing compound from the approved products list.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete cured by an approved method		The concrete was cured using a curing compound from the approved products list.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete cured by an approved method		Concrete was sprayed with curing compound, then covered with wet burlap and poly film for the required curing time.	Conformance	7/17/2019 10:54:26 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		The concrete was sprayed with a curing compound from the approved list, then covered with wet burlap and poly film.	Conformance	7/17/2019 10:53:51 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at a proper rate and was from the approved list of products.	Conformance	7/17/2019 10:53:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		If curing compound is used it is applied at a proper rate and is an approved material		The application of the curing compound exceeded the minimum rate and was a compound from the approved list.	Conformance	7/17/2019 10:54:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If curing compound is used it is applied at a proper rate and is an approved material		The contractor applied the approved curing compound at a rate exceeding the minimum required.	Conformance	8/2/2019 12:27:46 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at a rate above the minimum specified and was from the approved products list.	Conformance	7/31/2019 7:46:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover	7/25/2019 4:42:22 PM -06:00	If curing compound is used it is applied at a proper rate and is an approved material		The sprayer nozzle used to coat the top surface of the abutment with curing compound was clogged initially which led an uneven coating. After it was unclogged, the crew member resprayed the entire surface. The curing compound application rate was not uniform. Reference the attached pictures.	closed	8/14/2019 12:48:38 PM -06:00	Audit Comment	Acknowledged	Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:17:33 PM -06:00	If curing compound is used it is applied at a proper rate and is an approved material		Curing compound is being applied at a proper rate and is an approved material by IQC.	Conformance	3/23/2020 1:42:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		If curing compound is used it is applied at a proper rate and is an approved material		Dayton White Wax Cure J9A was observed to be used in the field. This product is also in Labato's Process Control Plan.	Conformance	8/13/2019 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at a rate exceeding the required rate.	Conformance	7/22/2019 12:35:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was applied at proper rate and is an approved material.	Conformance	4/4/2020 3:54:56 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		If curing compound is used it is applied at a proper rate and is an approved material		The concrete curing compound was from the approved products list and was applied at the proper rate.	Conformance	9/17/2019 9:39:07 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was utilized at a proper spray rate and is an approved material.	Conformance	10/31/2019 3:01:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless otherwise authorized, all formed surfaces shall be finished with Class 1 finish, immediately after the forms are removed.		The forms and consolidation practices provided an adequate finish.	Conformance	10/25/2019 2:41:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Clayton Bridge - Sequence of Operations		Step 5 was completed in a different sequence. Please reference the photos. The rigging was removed from the girder once it was set on the Goldhofer. The chains were then used as the system to secure the girder on the Goldhofer before it began to move. The operation was completed in a safe manner.	Closed	8/14/2019 12:44:42 PM -06:00	Audit Comment	acknowledged	Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Columbine Bridge - Sequence of Operations		The operation was completed in a safe manner. Step 5 was completed in a different sequence just like Clayton Girder Erection. The rigging was removed from the girder once it was set on the Goldhofer. Chains were then used as the system to secure the girder to the Goldhofer before it began to move.	Conformance	7/31/2019 6:09:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Columbine Bridge - Erection Sequence & Rigging Plan (Plan Sheets 1 thru 10)		The girders were placed as follows: G18-1 to G14-1 on Saturday, July 17th. G13-1 to G9-1 on Sunday, July 28th. G9-2 to G14-2 on Monday, July 29th. G15-2 to G20-2 on Tuesday, July 30th. The new phasing and placement of the girders was discussed in the days prior to placement. Multiple girders on Columbine Span 1 had to reset due improper bearing. Reference comment #7.	Conformance	7/31/2019 6:09:50 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Clayton Bridge - Erection Sequence & Rigging Plan (Plan Sheet 1 thru 11)		The new phasing and placement of the girders was discussed in the days prior to placement. The girders were set from G148-1 to G154-1 for Span 1. Span 2 was set from girder G154-2 to G149-2. Girder G148-2 dowel was in the wrong location and will be reset. Reference comment #7.	Conformance	7/29/2019 4:00:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Contingencies: (1) Unplanned Event (Storm, Traffic accidents, etc.)		There were no weather events during the placement. The initial placement date of the girder set was delayed by a day. The subgrade was pumping and was considered unsafe. The poor soil and soft spots were removed before the crane mat was reset.	Conformance	7/29/2019 4:00:11 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Contingencies: (1) Unplanned Event (Storm, Traffic accidents, etc.)		There were no weather events during the placement. The subgrade was prepping in the days leading up to the girder erection.	Conformance	7/31/2019 6:09:50 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Contingencies: (2) Replacement of workers who do not perform the work safely		All work was performed safely. Everyone was required to sign the JHA. All safety adjustments were addressed in the previous day's placement at Clayton.	Conformance	7/31/2019 6:09:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Contingencies: (2) Replacement of workers who do not perform the work safely		All work was preformed safely. Everyone was required to sign the JHA. There was a safety meeting each morning related to the girder erection. The first toolbox talk addressed the anticipated hazards. The following day, the new potential hazards that arose from the previous day's work were discussed. (Example: Walking up the steep slope with the rat line, how the amount of people standing behind the abutment during placement needs to be minimal.) These were great observations and extremely helpful to others new to the operation.	Conformanc e	7/29/2019 4:00:11 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Contingencies: (3) Equipment Failure		There were no equipment failures during my girder erection observation between July 24th and July 26th.	Conformanc e	7/29/2019 4:00:11 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Contingencies: (3) Equipment Failure		There were no equipment failures during my girder erection observation between July 27th and July 30th.	Conformanc e	7/31/2019 6:09:50 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Contingencies: (4) Other Potential Difficulties Inherent in Bridge Girder Erection		All potential hazards were removed before the girder erection.	Conformanc e	7/31/2019 6:09:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Contingencies: (4) Other Potential Difficulties Inherent in Bridge Girder Erection		All potential hazards were removed before the girder erection.	Conformance	7/29/2019 4:00:11 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/31/2019 12:07:44 PM - 06:00	Contingencies: (5) Structural Elements That Don't Fit on Line Up		Girder G148-1 was the first girder set on July 24th at Clayton Bridge Abutment 1. It did not fully seat on the bearing pad. It was fixed by adding an additional bearing pad at the southwest corner of the girder. Girder G148-2 was going to be the last girder set for Clayton bridge on July 26th. The dowel was in the improper location. The dowel bar location was addressed in NCR-1271 but the new location did not work with the setting of the girder. Please reference attach pictures.	1271 created	8/14/2019 12:44:34 PM -06:00	Audit Comment	NCR 1271 is still open and will not be closed until the work is complete and to the design and IQC requirements.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/31/2019 9:13:11 PM - 06:00	Contingencies: (5) Structural Elements That Don't Fit on Line Up		Gaps between the bearing pad and girder were addressed in NCR #1309. Span #1- G18-1 & W17-1 along abutment 1 were chipped. Please see attached pictures. Girder G14-1 Southwest corner added a +1/4". Girder G11-1 Southwest corner added a +1/4". Girder G10-1 Northeast corner added a +1/2". Efflorescence was found on two spot of West waterline girder W17-1 span 1. Span #2- One +1/2" bearing pad was added to each pad area. Tony McAlpin's report from July 30th explains the addition of the additional 1/2" bearing pad.		8/14/2019 12:46:28 PM -06:00	Audit Comment	Acknowledged	Closed
Central 70	C 0704-241	Girders	Structures		Monroe: Safety Critical Construction Plan & Contingencies		Erection was planned and performed safely with the proper equipment all protective measures in place, and was not rushed to ensure correct placement and safety of all parties.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Monroe: Erection Plan		Approved sequence of operations was followed throughout the 4 hour erection operation of Span 2. All additional measures, including crane details, lift loads & rigging, girder analysis, equipment locations, and traffic handling, was performed and in place as planned.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Monroe: Girder Delivery & Staging		Girder delivery by Apex Trucking was performed safely with all MOT devices in place, and following the approved MHT. As many girders as could be staged within the erection area was done so, additional girders were staged along Jackson Street.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Monroe: Girder Delivery MOT Setup		Approved MHT was in place and set up properly for the delivery of girders.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Monroe: Crane Pad Layout		Crane was setup in proper location for each respective span placement.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Monroe: Working Surfaces for Outrigger Cranes and Drill Rigs		Manufactured outrigger pads were utilized with the minimum dimensions required in order to support and even distribute the outrigger loads.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Crane Lift Plan		Crane lift plan was performed properly and safely, and documented within the Safety Critical Girder Erection Plan.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Fall Protection		Fall protection was in place and utilized throughout the operation to ensure worker protection when rigging the girders. When possible, girders were rigged from the ladder so worker personnel did not have to be on top of girder.	Conformance	8/12/2019 9:28:45 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.1.1.1 Complete the Pre-Stressing Hold Point Checklist		The hold point checklist and inspection was conducted by Jason Myrvold. Please see the attached inspection report.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.1.1.2 Lobato will verify strength of concrete prior to any beginning any stressing operations. Stressing operations can proceed once appropriate concrete strengths are verified.		Reference plan sheet B050.221 for grouted areas. The grout poured into each interior diaphragm was required to meet 4000 psi before stressing could occur. Grout cubes were cast in lieu of concrete test specimens. Concrete strengths were not required.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.1.1.4 Stressing records will show jacking forces, gauge pressures, and theoretical elongations.		Please see attached the attached stressing records for 7/30 and 7/31.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		5.1.1.5 Inspect working platforms where stressing operations will be conducted for safety.		Safety requirements are defined for each operation within the Labato Process Control Plan.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.1.1.6 Inspection stressing equipment prior to stressing operations for any defects including calibration		A Clayton PT Calibration report was provided. Please see attached.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.1.1.7 Prepare anchorage zones for stressing		The anchorage zones were visually inspected by IQC for loose debris and nuisance material that may affect the stressing operation.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.1 Inspect ram and pump for loose screws, fittings, electrical and hose connections, and tighten if necessary. Check pull rod or bar for any visual damage and proper alignment.		The equipment was visually inspected by IQC before the operation began.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.2 Once the ram has been installed on tendon but prior to stressing, verify that the ram is properly align with the bar. Shim off of bearing plate as necessary.		The ram was level to the face of stressing. Shims were not required.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.3 Stress to 20% Pjack force to remove slack and seat ram.		The stress of the 20% Pjack force was 900 psi. This was witnessed at 6 locations.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.4 Measure the distance from the ram's body to a pre-marked datum point on the tendon and record measurement in stressing log. Tighten hex nut at the stressing end snug to the bearing plate.		This step of the procedure was followed.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.5 Stress to 100% Pjack force (as specified in stressing record) while simultaneously tightening the hex nut at the stressing end. Measure the distance from the ram body to the pre-marked datum point on the tendon and record measurement in log. This is the measurable elongation before seating.		This step of the procedure was followed.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		5.2.1.6 Tighten hex nut, retract ram, and remove from tendon.		This step of the procedure was followed.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.7 Repeat procedure on all PT bars.		At the locations the stressing was observed, the procedure in the Lobato Process Control Plan was followed. The stressing operation was observed at the following blue highlighted locations in the attachment: East Tree Trench 9, 10 & 11 (On 7/30/2019) . West Tree Trench 4, 5 & 6 (On 7/31/2019).	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		5.2.1.8 Submit stressing records to engineer for approval.		Please reference the attachment in Comment #3.	Conformance	8/13/2019 1:18:27 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:15:36 PM - 06:00	After culvert pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		Pipe was installed 7-2-19. No documentation can be found that meets this requirement.		10/4/2019 3:04:30 PM -06:00	NC-2	NCR 1479 was written to track this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	9/5/2019 4:15:36 PM - 06:00	Measurement shall be made 30 days or more following the pipe installation.		Pipe was installed 7-2-19. No documentation can be found that meets this requirement.		10/4/2019 3:04:27 PM -06:00	NC-2	NCR 1479 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	9/12/2019 4:35:05 PM - 06:00	The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		During the storm event on the night of 9/8 the wall backfill was allowed to take on sediment and hold water. Attached are photos.	acceptable response	9/23/2019 9:09:41 AM -06:00	Audit Comment	The Department and PC met to discuss this issue and the operations team understands the importance of protecting the wall structural zone. The area was re-worked and brought to specification prior to continuing with construction.	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Final lift of every day was graded away from face of wall to prevent ponding in backfill zone.	Conformance	1/22/2020 8:12:43 AM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temporary barrier along southbound Brighton Blvd has been removed.	Conformance	5/26/2020 1:55:19 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Conformance	Conformance	10/28/2019 3:56:04 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		The need for the existing barrier wall was eliminated, so it was removed.	Conformance	10/7/2019 4:07:39 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temporary barrier installed in conformance with MOT plans for work during this phase of construction to protect the hazard of demolition from the traveling public.	Conformance	10/1/2019 4:13:01 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Conformance	Conformance	10/7/2019 4:05:54 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temp barrier wall was removed and permanent guard rail was installed.	Conformance	1/6/2020 3:22:22 PM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)	9/12/2019 4:32:19 PM -06:00	Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Barrier wall was removed on the afternoon of 9/9/19. Drainage crew removing the wall was notified that the barrier removed was shown on the MOT plans. As a result approximately 1hr later the crew place drums where the barrier was to delineate the issue until a barrier wall crew could reset the removed barrier on the night shift of 9/9. The wall was not reset on 9/9 and is still missing.	NCR confirmed	10/11/2019 8:44:05 AM -06:00	NC-2	NCR 1494 was written to resolve barrier issues at Stapleton and Kearney	Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Conformance	Conformance	9/10/2019 12:13:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Workzone has been delineated and protected from the traveling public.	Conformance	11/12/2019 8:39:07 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		The existing concrete barrier was removed as the need for the barrier was eliminated.	Conformance	11/8/2019 8:52:04 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Work behind barrier was completed prior to barrier removal.	Conformance	5/19/2020 1:42:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	9/30/2019 3:27:17 PM - 06:00	All work was completed in accordance with the appropriate Plans and Specifications		The pipe was placed in accordance with appropriate details on plan sheet BS010. The foreslope and backslope was checked for conformance. 3" thick low density foam polystyrene was placed at a height of 24". The first lift of cellular concrete will be poured to a depth of 24". The vertical abutment expansion joints required a gasket on behalf of NDC-151 plan sheet B050.125. These were installed at each expansion joint. There was an optional construction joint between drilled shafts A3-33 and A3-34 (Girder G47-2 & G48-2). There was no expansion joint material present at this joint. So the crew did not believe this gasket was required. Please see the attached pictures.	closed	10/21/2019 8:43:50 AM -06:00	Audit Comment	The detail called for gaskets at the expansion joints No gaskets at the construction joints. not required per the drawings.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover	9/30/2019 3:27:17 PM - 06:00	The orientation of the underdrain pipe was in accordance with the Manufacturers specification (In Submittal)		There was an NCR written on 9/24/2019 related to the pipe orientation not matching the product submittal. The following two days were spent uncovering and twisting the pipe to its appropriate alignment/orientation . The first lift of cellular concrete backfill was place on Thursday, 9/26/2019.	Conformance	9/30/2019 11:23:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		No girders were placed before the Cellular Concrete was placed. (If girders are installed, flowfill maybe used in lieu of cellular concrete)		No girders were installed prior to the placement of cellular concrete. Please reference Plan Sheet #BS010 for the flowfill/cellular concrete cross section.	Conformance	9/30/2019 3:18:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All work was completed in accordance with the appropriate Plans and Specifications		The structural underdrain NCR was properly addressed before the cellular concrete was placed. The first lift of cellular concrete was placed approximately 24" thick. Since the concrete was relatively self leveling, stair steps were used to contain the mix in smaller distances. Please see the attached pictures.	Conformance	9/30/2019 3:18:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Hand Finishing for no large bugles as described in the Process Control Plan		No hand finishing was observed during the placement. The material was self leveling. Any bugle that appeared was an air bubble which was easily dissipated.	Conformance	9/30/2019 3:18:50 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Appropriate Testing was conducted in accordance with CDOT Std Spec 206.03		The first 3 loads were tested for slump and unit weight (2.20 to 2.40 lbs - 4x6 cylinder). The appropriate frequency was followed throughout the placement. Since a volumetric truck was used, the only way to track the volume of the placement was to track the total gallons of water that was used. 53.5 gallons was used for one yard and 535 was considered a typical 10 yd load of concrete. A full load of cement (65,000 lbs) could provide approximately 100 yards of cellular concrete.	Conformance	9/30/2019 3:18:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	10/14/2019 7:24:49 AM - 06:00	All areas below and including 7000 feet; Period During Which Planned or Recycled Surfaces Must be Overlaid within Ten Days During October 1 to March 1		Milled Mainline W/B between Central Park and Havana. Adjacent to Block 6501. Area has been milled for approx. 2 or more weeks.		12/10/2019 8:07:06 AM -07:00	NC-2	NCR 1743 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/13/2019 1:45:47 PM - 07:00	All areas below and including 7000 feet; Period During Which Planned or Recycled Surfaces Must be Overlaid within Ten Days During October 1 to March 1		Milled surfaces between Central Park and Havana have not been covered before allowable time frame.		12/10/2019 8:12:37 AM -07:00	NC-1	The areas in question were remediated the night of 11/13/19.	Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt paver was used to distribute the mixture to the established grade and required thickness over the entire width.	Conformance	6/16/2020 11:43:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used as much as reasonable possible.	Conformance	3/30/2020 4:41:35 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver distributed mix evenly across subgrade. Frequent thickness checks were performed by screed operator.	Conformance	12/20/2019 5:28:21 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Construction Plan		Construction plan was followed to include a safety critical meeting with all applicable parties, sequence of operations for placement of girders at Span 1, equipment to be used, etc.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Erection Plan		Erection plan was followed to include, sequence of operations, crane details, lift loads and rigging, equipment locations, and traffic handling during girder delivery.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder Delivery		Truck route and staging of girders for Span 1 followed girder delivery plan.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Rigging Plan		Rigging plan was approved prior to use during erection, and all rigging was inspected prior to use. Set-up of rigging to be used followed the approved plan to safely place all girders at Span 1.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Crane Set-Up and Lift Plan		Girder Crane Plan set-up was followed per the approved Phase 1 and Phase 2 locations for crane set-up.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder Bracing Plan		Girder bracing installed per the bracing details set forth in safety critical plan.	Conformance	11/27/2019 12:41:31 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	8/14/2020 4:34:48 PM - 06:00	Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.		Anchor bolts had proper dimensions, and were installed per standards.	Conformance	8/3/2020 1:16:29 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		Bolted connections were utilized and were tightened without gaps between the connection plates	Conformance	5/28/2020 2:49:34 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		1. Bolt Tightening. Verify that bolts in field splices are tightened in an incremental and progressive manner. This must be performed while the splice connections are not carrying load. To create this no-load condition, a crane will be necessary to lift fabricated components during tightening.		Bolts were tightened in a progressive manner while the crane was utilized to create the no load condition.	Conformance	5/28/2020 2:49:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		3. Adjustment and Leveling. Once erected, the anchor nuts and leveling nuts may require adjustment to level the sign. When assessing the need for leveling, no external support should be attached to the superstructure; however, during adjustment, a crane will be necessary to lift the superstructure. Verify that the leveling nuts are in contact with the base plate before releasing the overhead sign from the crane and tightening the anchor nuts.		All leveling was performed while the crane lifted the superstructure.	Conformance	5/28/2020 2:49:34 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		4. Field Welding. Unless otherwise designated, field welding is not permitted.		No field welding was performed.	Conformance	5/28/2020 2:49:34 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	2.3 Concrete Mix Design		Mix Design #7456749S was used. This was the approved Class 2 exposure mix design approved for the pump station. This substitution was completed through RFC-000155.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	2.5 Temperature Limits		A thermal control analysis was completed by KMP to ensure these temperatures would not be exceeded. This plan was not followed. Please see attached.	An NCR was generated.	4/4/2020 2:13:21 PM -06:00	NC-2	NCR 2051 was written to address this issue	Closed
Central 70	C 0704-241	Pump Station	Drainage	3/24/2020 4:20:22 PM -06:00	3.1 Placing Concrete		The placement was conducted in conformance with the pump station specifications. Please see pictures attached.	Conformance	3/24/2020 3:43:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Structures		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		All work was performed in accordance with the approved plans and submittals.	Conformance	4/4/2020 3:55:53 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		it was inspected that all work (rebar layout, elevations, and dimensions conformed with shop drawings and plans.	Conformance	3/12/2021 1:22:23 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		"The height of the reinforced concrete base is 1'-1" minimum."		I checked the height of the reinforced concrete base and it is a minimum of 1'-1".	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		"The height of the reinforced concrete base is 1'-1" minimum."		The height of the reinforced concrete base is 1'-11" minimum.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Dimensions of the reinforced concrete base match those shown on BS044.		Dimensions of the reinforced concrete base match those shown on BS044.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Dimensions of the reinforced concrete base match those shown on BS044.		The dimensions match those on plan sheet BS044.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Mid run posts are spaced at 10'-0" Maximum (measured center of post to center of post). When post spacing needs to be reduced to maintain the spacing from the expansion joint the spacing shall be 6'-8" Minimum.		Mid run posts are spaced at 10'-0" maximum and are 6'-8" maximum from the expansion joint.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Mid run posts are spaced at 10'-0" Maximum (measured center of post to center of post). When post spacing needs to be reduced to maintain the spacing from the expansion joint the spacing shall be 6'-8" Minimum.		Mid run posts are spaced at 10'-0" maximum, measured center of post to center of post.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Posts shall be perpendicular to the longitudinal roadway grade.		I spot checked a few posts with a torpedo level and they were perpendicular to the longitudinal roadway grade.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Posts shall be perpendicular to the longitudinal roadway grade.		I spot checked some posts and all are perpendicular to the longitudinal roadway grade.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Centerline of the horizontal tube splices are located 1'-8" minimum and 2'-6" maximum from the center of posts.		Centerline of the horizontal tube splices are located 1'-8" minimum from the the center of the posts.	Conformance	7/16/2020 3:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tube splice dimensions match those shown on the Tube Splice Detail shown on BS044.		The tube splice dimensions match those shown on the tube splice detail shown on BS044.	Conformance	7/16/2020 3:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The tube splice dimensions match those shown on the Tube Splice Detail shown on BS044.		The tube splice dimensions match those shown on the Tube Splice Detail shown on BS044.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Center of top rail is 2.5" from the top post, measured along the traffic face of the post.		The center of the top rail is 2.5" from the top post.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Center of top rail is 2.5" from the top post, measured along the traffic face of the post.		The center of the top rail is 2.5" from the top post as measured along the traffic face of the post.	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Center to top rail to center of bottom rail is 11.25"		Center to top rail to center of bottom rail is 11.25".	Conformance	7/16/2020 3:27:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Center to top rail to center of bottom rail is 11.25"		Center to top rail to center of bottom rail is 11.25".	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer, & lock washer.		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer and lock washer.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed

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Central 70	C 0704-241	Fencing	Roadway		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer, & lock washer.		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer, and lock washer.	Conformance	7/16/2020 3:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The distance from the top of the top rail to the top of sidewalk is 2'-11" minimum.		The distance from the top of the top rail to the top of the sidewalk is 2'-11" minimum.	Conformance	7/16/2020 3:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The distance from the top of the top rail to the top of sidewalk is 2'-11" minimum.		The distance from the top rail to the top of sidewalk is 2'-11" minimum.	Conformance	5/19/2020 1:56:21 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage	1/22/2020 11:42:40 AM - 07:00	I. Description of key processes and their reference location within the Developer's Quality Management Systems Manual, in accordance with the Schedule 8 requirements, for control of the Release for Construction (RFC) drawings through the Construction Period including making changes to the design during construction and ensuring engineering review of the new design and compliance with the Project Agreement. Processes shall demonstrate how the Department and the Developer's design team are involved in the review and acceptance of deviations from the RFC drawings;		Crews we found forming and placing rebar for drainage structure MH-70W2178B. This structure is a permanent drainage structure which is proposed in FDC-000255 which is currently in preliminary status. The permanent structure will be utilized as part of the temporary drainage system in TCR-0027 but details to build the structure are found in FDC-000255 since the structure is permanent. When asked for plans showing what the crew was building they said they did not have any plans and the structure was temporary.	Verified NCR 1961 addresses this item	4/13/2020 1:56:51 PM -06:00	NC-2	NCR 1961 was written to address this issue.	Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	a. The Developer's executive management shall have the responsibility to ensure that personnel performing PC and IQC activities have the appropriate		(Item #15 of Rev. 0 of this audit was deleted and replaced	ENCR Verified	6/7/2021 8:48:47 AM -06:00	NC-2	ENCR 306 was written to address this issue	Closed

education, training, skills, and experience to meet the requirements of the Project Agreement

with this requirement to provide further clarity on the issue) In reviewing the IQC checklists for the past few months errors have been observed regarding IQC stationing in the field. These issues have been observed in regard to both core layout and on the IQC checklists showing the limits of paving performed. QCATs have confirmed with the PC team and performed back checks from two points to ensure that the stationing QCATs derived is correct. Differences have been observed of 400 feet to 4,000 feet; attached are two examples of checklists with limits that are incorrect.

--Checklist
06/11/2020: Station 2282+00 to 2332+00 (QCAT Actual Stations 2262+10 to 2327+90
--Checklist
07/16/2020: Station 2272+94 to 2247+72 (QCAT Actual Stations 2272+50 to 2265+70

As a result all IQC checklists for Alpha Balde shall be compared to the station documented by the PC inspectors



							(Amanda Tabor and John Myers and any errors corrected). A meeting was held in June to address this issue and progress was seen in the issue getting better. Although in July the issue has gotten worse and on 7/10/20 the issue was brought up to IQC management. Due to the recent SMA shutdown and IQC stationing defining limits of removal the accuracy of these limits is extremely important. The department expects that IQC checklists accurately reflect the location work is being performed at all times.					
Central 70	C 0704-241	Building	Cover	10/8/2020 9:00:52 AM - 06:00	a. The Developer shall invite the Department to each of these meetings		A Pre-activity meeting was held for the CMU Masonry installation. A more comprehensive meeting is required to ensure other items of work are included such as Electrical, Doors, and Fire Alarm that may affect the CMU installation.	Adequate.	2/8/2021 9:55:48 AM -07:00	Audit Comment	It is not feasible to invite every related trade to a pre-activity meeting. It is incumbent of the GC to coordinate in the field with the different trades involved.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		a. IQC shall be solely responsible for verifying and documenting whether Work has been completed for the QHP		IQC not present for drainage operations to include trench bedding inspection, pipe placement, and backfill operations.		12/28/2019 11:16:03 AM -07:00	NC-2	NCR 1745 was written to track this issue.	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	8/12/2020 5:02:33 PM - 06:00	a. Notification that a QHP has been reached while Work is still being performed or not allowing adequate time to complete the QHP review and opportunity for adjustments (e.g. , concrete trucks are queuing while reinforcement is still being placed and QHP is being reviewed for a specified unit) shall result in the issuance of a Nonconformance Report		Concrete had already arrived and been placed in the forms but IQC had not performed a prepour checklist approving the forms.	Field Resolved	8/12/2020 12:18:56 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/6/2019 12:27:32 PM - 07:00	The Developer shall document the identification of Nonconforming Work by completing and submitting a NCR to the Department as soon as reasonably practicable, and in any event within 24 hours, after the Developer first becomes aware of the Nonconforming Work		In IQC Checklist attached to requirement 1, IQC noted that closures were conflicting. As of 27 November, no NCR has been entered in KieTrac.	See NCR 1774	12/20/2019 8:09:39 AM -07:00	NC-2	NCR 1774 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/23/2019 8:34:00 AM - 07:00	The Developer shall document the identification of Nonconforming Work by completing and submitting a NCR to the Department as soon as reasonably practicable, and in any event within 24 hours, after the Developer first becomes aware of the Nonconforming Work		The NCR above was written within the 24 hour window.	Addressed	4/20/2020 11:44:35 AM -06:00	Audit Comment	Yes it was, See NCR 1851	Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	j. Developer's detailed Construction Safety Critical Plan which shall include an Erection plan, a Bridge Removal Plan, and a Removal of Portion of Bridge Plan, as applicable, as well as other requirements specified in the Revision of 107 set out in the Project Special Provisions set out in Appendix A to this Schedule 8;		A Safety Critical Plan was provided for Columbine and Clayton Bridges, Girders G0212 to G1212 and G1222 to G1642. A plan was not submitted for the West Bookend. See response in Comment #1 of the attached audit.	Addressed	8/17/2020 5:35:27 PM -06:00	NC-2	ENCR-271 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/14/2020 4:28:36 PM - 06:00	govern all Reviewable Deliverables to be submitted either to the Department or the Enterprises pursuant to this Agreement.		NDC-000541 was not complete before the installation of the MCC pads in the Basement of CDOT Building. The NDC still sits in "Preliminary" status.	Addressed	8/13/2020 3:35:04 PM -06:00	NC-2	NCR 2179 was written to track this issue	Closed
Central 70	C 0704-241	Electrical	Cover	11/11/2020 7:52:22 AM - 07:00	(i) include a signed and dated certification by Developer in form and substance reasonably Acceptable to the Department or the Enterprises, as applicable, that such Reviewable Deliverable is complete, is suitable for the purpose for which it is submitted and meets the requirements of this Agreement; and		The submittal for MCC Anchors is in accordance with the Schneider Model 6 Motor Control Center Installation Manual. The mounting detail matched "securing structures to the floor".	Conformance	11/9/2020 4:34:35 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/8/2020 9:00:52 AM - 06:00	(C) the Department or the Enterprises, as applicable, has or have notified Developer must be reviewed and/or approved: (l) by the Department or the Enterprises, as applicable, prior to submission to any relevant Governmental Authority, Utility Owner, Railroad or other third Person; or		A permit has not been issued for the installation of the Fire Alarm and LHD. 3rd Party/Governmental Approval required before work may begin or Restricted Activity should be held. A conditional permit to allow for installation was conveyed by David Adams of DFD.	Adequate	2/8/2021 9:56:53 AM -07:00	NC-2	Sturgeon has obtain a conduit only conditional permit.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage	9/14/2020 8:26:58 AM - 06:00	(c) respond to all comments and responses from the Department or the Enterprises on or to any Reviewable Deliverable, including by making modifications to such Reviewable Deliverable as necessary to fully reflect and resolve all such comments and responses; and		All comments in NDC-551 were not addressed before the work began. IN-V1-70W2023 is one inlet that is installed that must be "Field Modified". Please see the attached photos. Address all inlets that have been installed or will be installed as "Field Modified" by this NDC. No Restricted Activity was conducted before the work began.	Devonway NCR 2319	10/27/2020 2:53:35 PM -06:00	NC-2	This NC-2 is being managed through DevonWay NCR 2319.	Closed
Central 70	C 0704-241	ITS	Electrical	10/22/2020 8:43:07 AM - 06:00	Except to the extent expressly provided otherwise in the Project Agreement, the Developer shall be responsible for obtaining all Governmental Approvals and Permits in connection with the Construction Work.		Proper permitting has not been established to perform work in area. Project permits show that permitting only extends to the west just passed Washington St..		12/11/2020 1:39:03 PM -07:00	NC-2	ENCR 517 was written to address this issue.	Closed
Central 70	C 0704-241	Drainage Structures	Drainage	9/14/2020 8:26:58 AM - 06:00	for all non-standard CDOT items		NDC-551 damages permanent inlets by removing rebar that is required by the CDOT specs and the Forterra shop drawings. By removing this rebar, the inlets are now non-conforming. Also, there is not a detail provided in the NDC-000551 plans to patch/fill an unused drainage penetration.	Devonway NCR 2319	10/27/2020 2:53:20 PM -06:00	NC-2	This NC-2 is being managed through DevonWay NCR 2319.	Closed



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Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	3/31/2020 4:57:47 PM - 06:00	Deliverable - Micro tunneling and/or pipe jacking materials means and methods of installation / Information, Acceptance or Approval - Acceptance / Schedule - Prior to RFC Documents	No jack and bore materials, means and methods, or installation package was sent to the department for approval prior to the work starting.	New jack and bore submittals were approved in Aconex.	4/23/2020 1:03:27 PM -06:00	NC-2	NCR 1964 was written to address jack and bore submittals and is referenced in Tstone_10. NCR 1963 was also written to address Jack and bore submittals.	Closed
Central 70	C 0704-241	Guardrail	Roadway		g. Crash attenuators and rail end treatments shall be provided at all required locations where barrier/guardrail begins or ends in accordance with the CDOT Safety Guide, Standards M-606-1 and M-606-13 and Chapter 8 of the AASHTO Roadside Design Guide.	Roadway sheets RDGD-017 and RD-156 and attached photo of permanent attenuator installation at Colo EB Ent Ramp: The above referenced plan sheets specific to the Colo EB Ramp are an example of the plans not identifying specific appropriate attenuators that meet the design speeds, traffic volumes and vehicle types expected within the Center Segment of the project. The attenuator recently installed at the Colo EB Entrance Ramp gore has been identified as a Test Level 2 (TL-2) 3-bay system that resulted from a field decision because the plans didn't specify a type. TL-2 guardrail is not	Field Resolved	1/17/2021 6:30:40 PM -07:00	Field Resolved		Closed



							appropriate on the National Highway System due to their low speed/low volume application and light vehicle crash testing. All ramp and mainline attenuators should meet NCHRP TL-3. Also see attached Roadside Design Guide guidance on TL-2 and TL-3 attenuator applications, and Quadguard II spec sheet.					
Central 70	C 0704-241	Guardrail	Roadway	10/12/2020 8:30:49 AM - 06:00	The Developer shall pave asphalt a minimum of one foot behind the new guardrail in accordance with the CDOT M & S Standard Plans		This issue Field Resolved under NDC-730.					
Central 70	C 0704-241	Guardrail	Roadway	10/12/2020 8:30:49 AM - 06:00	The Developer shall pave asphalt a minimum of one foot behind the new guardrail in accordance with the CDOT M & S Standard Plans		The guardrail on CP WB Ent. Ramp Sta. 110+34 to 109+26 Lt does not have 1' of asphalt behind the back of post. (Attached are photos)		10/23/2020 7:38:17 AM -06:00	NC-2	This NC-2 comment is being addressed through ENCR 0489.	Closed
Central 70	C 0704-241	Electrical	Cover	11/11/2020 7:52:22 AM - 07:00	the analyses, reports, design, drawings, detailing, clearances, manufacture, supply, coordination, installation, integration, commissioning, testing and operation of the systems		The checklists completed by IQC should comply with the Visual and Mechanical Inspection requirements of the ANSI specification in comment #1. Please the attached inspection report completed by Paul Marlin.	Conformance	11/9/2020 4:34:35 PM -07:00	C		Closed

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Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	located within the western 25 feet measured from the west Portal over the eastbound lanes of the I-70 Mainline and the eastern 25 feet measured from the east Portal over the westbound lanes of the I-70 Mainline (*CO-093) shall have minimum penetration protection rating of NEMA 4X in accordance with the requirements of the National Electrical Manufacturers Association, or (*CO-043) IP66K in accordance with IEC 60529		The junction boxes used at the wired connections are not sealed and have holes in them. They do not meet the following PA requirement. Please see the attached photos. EOR response required to defer from the PA requirement.	Adequate	4/14/2021 7:38:46 AM -06:00	Audit Commen t	EOR Response - The Project Agreement section referenced applies to exposed boxes and enclosures and not to boxes located within an equipment cabinet or enclosure when that equipment cabinet or enclosure provides the required protection that the Project Agreement requires. In the case of the DVCs, wiring and boxes within are considered internal and protected by the DVC enclosure constructio n from the exterior conditions described in the Project Agreement. See attached from EOR.	Closed
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Central 70	C 0704-241	General Work	Cover		b. All equipment shall be housed within sealed IP66 or NEMA 4X (*CO-043) enclosures.		Tracked in DevonWay as NCR-2607. Please see the attached email with the 5 components that do not meet the NEMA 4x enclosure requirement for the FCC room.	Field Resolved	4/14/2021 10:08:06 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Communications	Cover	3/1/2021 4:31:33 PM - 07:00	Cables installed in the Cover shall be constructed using low smoke and fume insulation		The cables installed are low smoke zero halogen in accordance with the PA and Spec 271900 2.2.1.B	Conformance	2/25/2021 9:53:03 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover	3/1/2021 4:31:33 PM - 07:00	Cabling for essential and life-safety systems shall be constructed from fire survivable materials		For the cameras currently installed, the CCTV communications conduits are regular wall phenolic conduit. The power conduits to the CCTV Camera are Extra Heavy Wall to meet the required 2Hr fire rating in Spec 260533 which is referenced in the comment above. The following PA requirement requires that all cabling related to Fire & Life Safety Systems be constructed of fire survivable materials. So during a fire event the cameras will have power but may lose there signal since all the CCTV communication cables are in standard wall phenolic conduit?	Adequate	4/14/2021 8:05:13 AM -06:00	Audit Comment	As Clearly Stated by the Audit Comment Only Power Circuits for Emergency Systems are required to be in a 2-HR Fire rated system per the project specification, additionally a 2-hr fire rated system is only available and UL-Listed for power circuits. As for the Comm cabling, they are routed within phenolic conduit	Closed



																					<p>which is, itself, a fire survivable material. X-Wall Phenolic conduit (used for 2-HR fire rated power circuits, as opposed to standard wall phenolic conduit used for all other raceway in the tunnel) is simply used as one part of the 2-HR fire rated system that requires a matched 2-HR fire rated power cable. As stated above there are no 2-HR fire rated comms systems available, and none are required per the PA or per the specification. Phenolic conduit was utilized and is a fire survivable material.</p>
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Finishes	Roadway	6/24/2021 2:11:46 PM - 06:00	h. The standpipe system shall be suitably protected from mechanical damage and vandalism.		Placement of bollards should be 6 to 8 inches closer to the curb face than the front of the standpipes to properly protect them. The Steele and York locations currently do not provided this protection, and at York in particular, the standpipe is closer to the curb than the bollard leaving the standpipe exposed. Any adjusted and all yet-to-be-installed standpipe bollard locations should provide adequate protection of the standpipes in accordance with the PA.	ENCR 1312	7/21/2021 3:16:56 PM -06:00	Audit Comment	ENCR 1312 was written to address issues related to the AASHTO RDG set back requirements	Closed
Central 70	C 0704-241	Wall Facing	Aesthetics	11/11/2020 7:54:41 AM - 07:00	perform the O&M Work in accordance with the requirements of this Schedule 11		The Developer (KMP) is required to perform O&M work per the requirement referenced in Schedule 11 of the PA. The Department feels that the larger gaps at the transition present a potential O&M concern that KMP should assess. Some of the offsets are large enough to expose the back side of the panel which could become maintenance issues. (i.e. weed growth).	KMP has evaluated maintenance concerns and feel that this is not an issue.	4/9/2021 9:41:52 AM -06:00	Audit Comment	UDPATE 4/8/21 The final solution was to leave the panels as installed. Maintenance concerns are minimal.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	3/5/2020 8:42:04 AM - 07:00	PERFORMANCE REQUIREMENTS MEASUREMENT CRITERIA - a) Localized deficiencies - Physical measurement.		Glencoe and Grape intersections of S Stapleton were temporarily patched. On 18 February Whatsapp Notification was made that patch had failed. As of 3 March, these patches were not repaired.	See Smartsheet NCR 0005	3/9/2020 9:52:16 AM -06:00	NC-2	Expedited NCR number 0005 was created to resolve this issue	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	12/31/2019 2:20:45 PM - 07:00	GENERAL REQUIREMENT - Signs are clean, correctly located, clearly visible, legible, reflective, at the correct height and free from structural and electrical Defects. Identification markers are provided, correctly located, visible, clean and legible. Sign mounting posts are vertical, structurally sound and rust free. Visibility distances meet those stated in the MUTCD and CDOT M&S Standards. Sign information is of the correct size, location, type and wording to meet its intended purpose. / DEFECT REMEDY PERIOD Cat 1 Immediate Action - 24 hrs / DEFECT REMEDY PERIOD Cat 2 Permanent Repair - 6 mo.		The sign was not facing traffic and not visible. The sign was not fixed in accordance with Schedule 11 Appendix A-1 time frames. Please see attachment.	1864 created	2/13/2020 1:54:41 PM -07:00	NC-2	NCR 1864 created	Closed
Central 70	C 0704-241	BMPs	Environmental	2/18/2020 12:02:28 PM - 07:00	PERFORMANCE REQUIREMENTS MEASUREMENT CRITERIA - Visual Inspection of buildup dirt, ice, rock, debris (from accidents and/or otherwise).		Dirt and other sediment has accumulated through S Stapleton and the S Stapleton and Glencoe intersection. These areas were identified through the WhatsApp notification group, however have not been resolved.	Closed per attachments and meeting 19 Feb.	2/24/2020 9:47:53 AM -07:00	NC-2	20+ additional tracking pads and stabilized areas were added in this work area. Documentation responding to each attachment in this audit are attached for further detail.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/13/2020 11:06:38 AM - 06:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		LCR update from 3/10-3/11 showed a UTC to be the traffic control for opening the Dahlia Intersection at North Stapleton during the WB Holly Bridge Girder Set. At approximately 1:15AM, the intersection did not have a UTC present. After discussing with Night MOT team, it was discovered that they did not know a UTC was needed. By approximately 2:00AM a UTC arrived at the intersection, however at 3:30AM, the UTC was no longer present. Dahlia intersection was open to traffic until 5:00AM. All other signs and signals for the Dahlia and N Stapleton Intersection have been removed since February, so UTC was the only method of traffic control scheduled.	See Smartsheet NCR 0021	4/8/2020 11:58:33 AM -06:00	NC-2	NCR 0021 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/23/2019 8:34:00 AM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		The One Lane Closure used for the drainage operation on Tuesday, December 17th at Clayton Bridge was not implemented correctly. The closure was missing signage, the traffic control devices were not spaced correctly and there was no positive protection for the excavation next to the roadway.	Addressed	4/20/2020 11:44:38 AM -06:00	Audit Comment	Kiewit self reported under NCR 1851	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 9:52:47 AM - 07:00	The Developer shall be responsible for designing, providing and maintaining safe and effective traffic control on all roadways that are affected by the Construction Work for the movement of people, goods, and services through and around the Project while minimizing impacts to local residents, businesses and commuters.		The fence at the corners was not placed back to its original condition for the safety of the pedestrians in the area. The sections of fence that were installed were placed as a temporary condition to aid in the opening of the Columbine Bridge on 11/19/2019. The fence crew was scheduled to install the fence in the permanent condition in the afternoon of 11/20/2019. Since Josephine was closed, the Columbine bridge could not be closed to complete the fence install the following day. Please reference the attached photos.	Addressed	4/20/2020 11:45:52 AM -06:00	Audit Comment	Fence was installed without the closing of columbine	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/12/2019 2:39:37 PM - 07:00	To implement the TCP, the Developer shall prepare MHTs that conform to the requirements specified herein and the CDOT Standard Specifications.		NB Colorado Closure was set without an approved MHT or TCP. The closure does not conform to CDOT Std Spec 630.10.	Addressed through NCR 1786. Closed January 20th 2020	4/20/2020 11:15:33 AM -06:00	NC-2	NCR 1786	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/18/2019 1:30:26 PM - 07:00	The MHTs shall be submitted to the Department for Acceptance		No MHT has been approved for the left to right lane shift at 46th Ave. This closure was set the morning of 17 Dec, as of 8:47 18 Dec is still in use.	See NCR 1865	1/30/2020 5:56:02 AM -07:00	NC-2	NCR 1865 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/27/2020 7:28:03 AM - 07:00	The MHTs shall be submitted to the Department for Acceptance		MHT 395 was not submitted to the Department for acceptance.	NCR 1945 Created to Track Issue.	1/28/2020 10:38:44 AM -07:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/30/2020 4:59:32 PM - 06:00	Holly Street / Dahlia Street and Monaco Street		From 10:55AM-11:08AM, SB Holly under I-70 was closed using a UTC for bridge work. This was done with Dahlia and Monaco fully closed under I-70.	See Expedited NCR 94	5/9/2020 1:48:06 PM -06:00	NC-2	NCR 94 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Beginning of Section (MP) - 279.291(I-270) / End of Section (MP) - 278.548 (Quebec St) / Direction - WB / Two-Lane Closure - Weekday (10 PM to Midnight and Midnight to 5 AM)- Weekend (11 PM to Midnight and Midnight to 6 AM)		Closure was picked up by 5:00 AM, within the allowable closure times, and according to the LCR update.	Conformance	1/22/2020 8:14:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:03 AM - 07:00	a. Arterials, collectors – 8:30 AM to 3:30 PM; and		Lane closure was set at 745am which was outside of the allowable time.	Noted. CDOT agreed to reasoning	1/27/2020 11:00:00 AM -07:00	NC-2	The lane closure was set north of the CDOT/CCD boundary which means it falls under CDOT jurisdiction which the timeframes are 7pm to 2pm. After discussions with CDOT on the limits of jurisdiction this NC-2 has been withdrawn.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/22/2020 11:45:30 AM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		Lane Closure update from 14 Jan did not state that Jackson would be using MHT 101, however MHT 101 was implemented in the field.	MHT clarified	2/6/2020 1:19:38 PM -07:00	Audit Comment	Typo in the LCR shown MHT 110.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:50:50 PM - 06:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		LCR daily update listed MHT 168 for this closure. MHT 168 is a single lane closure of a road with an open ramp. The work occurring was on the ramp, not the road, so this MHT was not applicable.	See NCR 0038	4/8/2020 12:00:07 PM -06:00	NC-2	NCR-0038 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/18/2020 12:03:41 PM - 07:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		LCR Update did not include use of MHT 129 on EB I-70 from Peoria to I-225 during night shift Monday.	See NCR 2012	3/9/2020 9:54:10 AM -06:00	NC-2	NCR 2012 was generated to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/9/2020 4:48:18 PM - 06:00	The Lane Closure Report shall be updated and resubmitted to CDOT daily if any changes, other than unforeseen cancellations, are made to the original submittal. In the event that a cancellation of a previously submitted lane Closure becomes necessary, due to an unforeseen circumstance, such as weather or equipment breakdown, the Developer shall notify the Department of the specific lane Closure that is no longer needed as soon as possible and at a minimum within 24 hours of the scheduled start of the specific lane Closure. For unforeseen Closure cancellations, the Developer shall still make Reasonable Efforts to update the closure information for all applicable Public Information Outreach Tools prior to the cancellation of the scheduled start of the specific lane closure. (*CO-011)		UTC usage on N Stapleton and Dahlia during night shift was not detailed in daily LCR update.	NCR written	6/26/2021 12:26:04 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)	3/17/2020 5:21:02 PM - 06:00	a. Any detour pavement shall be designed according to the requirements as provided in Schedule 10, Section 6 Roadway Pavements;		Detour pavement installed on N Stapleton from Ivy to Leyden did not follow smoothness criteria for pavement. Over a 1 inch bump around a manhole was created, and traffic was opened to this bump. This issue was brought up in the Whatsapp CAT 1 text notification group at 7:29AM Tuesday 17 March.	See Smartsheet NCR 0036	4/1/2020 8:47:16 AM -06:00	NC-2	Expedited NCR 0036 was written to address this issue	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/6/2020 3:46:08 PM - 07:00	d. The Developer shall begin removing all detour signs immediately after any Closure is removed and all detour signs shall be removed within 2 hours of the Closure being removed;		<p>Brighton Blvd (44th to 47th) was opened on the morning of March 2, 2020. On Monday, March 2nd, the Department notified KMP through the MOT Whatsapp that detour signage was still in place and should be removed. As of Friday, March 6, 2020, detour signage is</p> <p>still in place and has not been addressed in full. The entirety of the detour should be driven to ensure all signage has been removed per the PA. See attached for examples of signage still in place. This may or may not be all signage in need of being addressed.</p>	NCR 20 was created	4/30/2020 9:10:17 AM -06:00	NC-2	NCR 20 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	1/6/2020 4:00:34 PM - 07:00	d. The Developer shall begin removing all detour signs immediately after any Closure is removed and all detour signs shall be removed within 2 hours of the Closure being removed;		Brighton Blvd (44th to 47th) was opened on the morning of December 18, 2019. On Monday, December 23, the Department notified KMP through the MOT Whatsapp that detour signage was still in place and should be removed. As of Monday, January 6, 2020, detour signage is still in place and has not been addressed in full. The entirety of the detour should be driven to ensure all signage has been removed per the PA. See attached for examples of signage still in place. This may or may not be all signage in need of being addressed.	NCR No. 1891 Created.	1/23/2020 9:15:27 AM -07:00	NC-2	NCR 1891 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/4/2019 8:25:10 AM - 07:00	d. The Developer shall begin removing all detour signs immediately after any Closure is removed and all detour signs shall be removed within 2 hours of the Closure being removed;		Holly intersection was opened the weekend of 23-24 November. On 25 November, the department notified Kiewit of detour signage for Holly St via WhatsApp. As of 2 December, this signage has not been removed/covered.	See NCR 1795	12/23/2019 9:17:23 AM -07:00	NC-2	NCR 1795 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 9:52:47 AM - 07:00	g. The Developer shall be responsible for damage on any existing streets used for detours and shall repair any damages to the existing condition, as directed by the Department.		The temporary pavement at the Swansea school driveway was not replaced to the existing condition. The pavement does not properly drain away from the school entrance and the pavement is raveling.	Adequate	4/20/2020 11:45:44 AM -06:00	Audit Comment	Pavement was added to safely open the road. Water at the school will be monitored and handle as needed.	Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Mustapha Aichiouene, an OVT Lab Tester for Yeh and Associates is fully certified to perform Verification Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:37 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		George Medved, an OVT Tester for Yeh and Associates is fully certified to perform Verification Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:37 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Jon Olsen, an OVT Tester for Yeh and Associates is fully certified to perform Verification Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:37 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Lev Bekker, an OVT Tester for Yeh and Associates is fully certified to perform Verification Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:37 AM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Kyle Lyons, an OVT Lab Tester for Yeh and Associates is fully certified to perform Verification Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:37 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Cy Shickora, an IQC Inspector/Tester for Kleinfelder is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Nick Gust, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Lawrance Hagemen, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Matt Lohrenz, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Noe Avitia, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Diana Prado, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Aaron Kusch, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Tedele Gebretsadik, an IQC Inspector/Tester for Ground Engineering is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Lucas Leininger, an IQC Lab Tester for Kiewit is not fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. However, all tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications due to him being closely supervised during his training period.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Rebecca Sedlacek, an IQC Tester and lab manager for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Mahdi Almahasnah, an IQC Tester and Lab manager for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Tylere Cook, an IQC Inspector/Tester for Kleinfelder is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Krista Schiro, an IQC Lab Tester for Kiewit is not fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. The technician does not perform and tests that require the missing certification. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Brian Rivera, an IQC Inspector/Tester for Ground Engineering is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Arlo Carpenter, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Jeff Allen, an IQC Inspector/Tester for Ground Engineering is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Evan Pontesso, an IQC Inspector/Tester for Ground Engineering is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Getachew Debela, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Dan Cannan, an IQC Inspector/Tester for Kleinfelder is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Landon Petland, an IQC Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Cullen Eckhart, an IQC Inspector/Tester for Kleinfelder is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Manuel Giron, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Grant Mathers, an IQC Inspector/Tester for Kleinfelder is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Leyla Lawson, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Joshua Jensen, an IQC Inspector/Tester for Kiewit is not fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. However, all tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications due to him being closely supervised during his training period. His inspection duties are reserved for Traffic, for which he is fully certified	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Aaron Vong, an IQC Tester for Vine Laboratories is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Feras Aldahan, an IQC Tester for Vine Laboratories is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Jessie Dortch, an IQC Inspector/Tester and Flatwork Lead for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Christopher Halbach, an IQC Inspector/Tester for Kiewit is fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. All tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed



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Central 70	C 0704-241		IAT Materials Testing		CDOT Field Materials Manual		Phillip Banks, an IQC Lab Tester for Kiewit is not fully certified to perform Acceptance Testing on Central70 per CP 10 of the Field Materials Manual. However, all tests taken by this individual from May to June 2020 met the requirements found in TABLE 10-1 Sampling & Testing Personnel Qualifications due to him being closely supervised during his training period.	Conformance	7/8/2020 8:24:02 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing	9/21/2020 1:42:30 PM - 06:00	CDOT Field Materials Manual		Field Resolution: Leo Rodriguez a lab technician in the IQC Lab was not performing any acceptance tests that were not permitted to him by CP10. He does not plan on getting the WAQTC certification as his main function in the Lab has been breaking cylinders and training. Moving forward he will continue not performing and of the following tests: AASHTO T89, T90, T99, T180, T310, T85, or T255. His training and oversight will be limited to tests in which he has certifications for.	Field Resolved	7/10/2020 9:07:29 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241		IAT Materials Testing	9/21/2020 1:42:30 PM - 06:00	CDOT Field Materials Manual		Griffin Strecker a Field Tech for Kiewit does not and has not had a WAQTC,	Griffen was removed testing and inspecting	12/28/2020 5:25:36 PM -07:00	NC-2	After the Audit, Quality team set up	Closed



						<p>CAPA A & B or ACI Aggregate certification and is performing acceptance testing as well as inspection duties mainly on drainage operations but also grading on occasion. In addition, Per CP 10 in the CDOT Field Materials Manual only those who have the WAQTC Certification can perform acceptance testing on soils per CP 80 on a CDOT project without oversight during each acceptance test. Since early June he has been performing Nuclear Density Testing by himself after failing to pass the WAQTC certification. IAT made several attempts to perform qualification testing with Griffin from June 10th to June 24th. After speaking to his supervisor about my reservations regarding his lack of certification and experience a test was scheduled, performed, and observed by qualified individuals. Griffin appears daily on the IQC POD Schedule Sheet as tester and inspector for several drainage operations.</p>	<p>operations that he did not have the required certifications for. Griffin is no longer a part of the IQC team.</p>			<p>a meeting with CDOT and IAT to discuss the finding. During the meeting IQC decided to remove Griffin from Drainage and grading operation. Griffin was moved to Asphalt since he had CAPA A & I. Griffin is no longer with IQC.</p>
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	6/24/2021 2:12:15 PM - 06:00	AASHTO A Policy on Geometric Design of Highways and Streets		Please refer to AASHTO Section 3.4.1 Curbs.	ENCR generated	7/21/2021 2:47:33 PM -06:00	NC-2	ENCR 1312 was written to address AASTHO set back issues with design	Closed
Central 70	C 0704-241	Roadway Finishes	Roadway	6/24/2021 2:11:46 PM - 06:00	AASHTO Roadside Design Guide		Field measurements indicate some Standpipe Bollard installations from curb face do not meet AASHTO RDG setbacks requirements per Section 3.4.1, et al. Obstructions should be a minimum of 18" behind the curb face along straight sections, and 3'-0" at intersections. Field measurements indicate less than the min requirements at the following locations: NE Corner of Steele St and 46th N Intersection NW Corner of York and 46th N Intersection NW Corner of Milwaukee and 46th N Intersection	ENCR 1312	7/21/2021 3:16:59 PM -06:00	NC-2	ENCR 1312 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Finishes	Roadway	6/24/2021 2:11:46 PM - 06:00	AASHTO Roadside Design Guide		Field measurements indicate some FDC Standpipe installations from curb face do not meet AASHTO RDG setbacks requirements per Section 3.4.1, et al. Obstructions should be a minimum of 18" behind the curb face along straight sections, and 3'-0" at intersections. Field measurements indicate less than the min requirements at the following locations: NE Corner of Steele St and 46th N Intersection - Approx 16" NW Corner of York and 46th N Intersection - Approx 11" NW Corner of Milwaukee and 46th N Intersection - 22"	ENCR 1312	7/21/2021 3:16:42 PM -06:00	NC-2	ENCR 1312 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wall Facing	Aesthetics	11/11/2020 7:54:41 AM - 07:00	AASHTO Roadside Design Guide		In addition to the aesthetic concerns referenced in requirement 1, the Department also has potential safety concerns that need to be assessed by KMP. The design guidance in the AASHTO Roadside Design Guide (RDG) section 5.5.2 states that the Zone of Intrusion (ZOI) should be considered as part of the barrier layout and design. Since the wall transitions did not end up flush per the original design, the lip now creates a potential snag hazard within the ZOI. The AASHTO RDG does not explicitly define what constitutes a "snag", but states that 4" protrusion is the maximum for other applications (i.e. metal guardrail and sign post break-aways.) Please address this potential safety concern within response to this audit comment.	As shown in the attached email, the max protrusion as determined by the EOR is 3". Any protrusion larger will require further EOR evaluation to ensure that there is not a ZOI snag hazard.	4/21/2021 7:17:13 AM -06:00	Audit Comment	As stated in number 1 the safety concerns have been discussed and the design team is working on the final solution. The solution will be documented in design documents. UDPATE 4/8/21 The final solution was to leave the panels as installed.	Closed

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Central 70	C 0704-241	Guardrail	Roadway	9/30/2020 9:25:35 AM - 06:00	AASHTO Roadside Design Guide		<p>During a meeting the department discovered that locations of mow strip in the east segment were paved at the depth of the mainline roadway pavement section. The department is unsure of the locations where the 4" hard cap was paved at the mainline pavement section (approx. 10"). AASHTO Roadside Design Guide only allows for pavement around guardrail posts to be 8" maximum in the event the pavement around the posts exceeds the 8" max. a detail will need to be provided for the posts in question. Attached is the snip for AASHTO RSDG showing the criteria.</p> <p>This issue was discussed with Mike Svoboda who is digging into it the possible issue and will respond with a plan of action moving forward.</p>	concur	4/8/2021 2:58:02 PM -06:00	Audit Comment	<p>KIC held a meeting with the design team to discuss the additional pavement thickness. The consensus of the meeting was additional pavement depth was not a concern due to the flexible pavement (asphalt). UPDATE 11/17/2020 UPDATE 4/2/21 Design did not issue a clarification an RFC was deemed unnecessary in the referenced meeting.</p>	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	5/12/2020 9:51:17 AM - 06:00	AASHTO Roadside Design Guide		The 7" Detour paving for the off ramp was left in place does and not appear to have the 7" leave out space around the posts as required by AASHTO Roadside Design Guide. Attached is a copy of the reference document and photos.	Ncr generated	6/18/2020 7:11:15 AM -06:00	NC-2	ENCR 0136 was written to address these issues	Closed
Central 70	C 0704-241	Flatwork	Roadway		CCD Rules & Regulations for the Construction of Curbs, Gutters, Sidewalks, Driveways, Street Paving, and other Public Right-of-Way Improvements		Concrete stamp was added in accordance with section 1.11 - Concrete Stamp. See attached.	Conformance	12/20/2019 7:45:27 AM -07:00	C		Closed
Central 70	C 0704-241	Wall Rebar	Walls	9/14/2020 8:24:26 AM - 06:00	CDOT Standard Specifications for Road and Bridge Construction		1. Per subsection 105.02(c), the Contractor shall provide shop drawings to adequately control the work. The Department are not aware of wall cap shop drawings detailing the interface and barrier transitions presented herein. 1.1. The barrier transition presented on Sheet WS705 from safety to block shape approaching the bridge was not installed per plan at the NE corner. The safety shape is used throughout and the top of rail does not match at this interface.	2256 written	11/30/2020 3:04:08 PM -07:00	NC-2	NCR 2256 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping		FHWA Manual on Uniform Traffic Control Devices		Lane Ends Merge Left signs and Merge Signs were not installed per MUTCD for the WB 70 Right lane approaching Peoria bridge. This lane ends and is forced to merge left over Peoria. The signing sheets for this area are missing this sign and the need for the sign was missed during opening the lane configuration to permanent.	Field Resolved	10/1/2020 10:48:11 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical	3/13/2020 11:02:22 AM - 06:00	Divisions 200 through 700 are incorporated by reference into the Project Agreement except (1) as otherwise provided in the Project Agreement and (2) in Divisions 200 through 600, any method of measurement and payment related (including price adjustment) provisions shall not be incorporated into the Project Agreement. Any reference to a specific section of Divisions 200 to 700 in this Schedule 10 shall be deemed to be a reference to that section as modified by this Appendix and any other part of Schedule 10 where that section is modified.		The anchor bolts in the caissons for the 40' ITS pole at station 2561+92 and the 50' ITS pole at 2243+53 were not installed in the center of the caisson. Per CDOT's road and bridge standard section 613.4, All anchor bolts shall be positioned by means of steel templates. The center of the template shall coincide with the center of the base.	Expedited NCR 042 will track this issue. If use-as-is then KMP needs to track with Kietrac NCR	4/6/2020 1:33:46 PM -06:00	NC-2	Expedited NCR 0042 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Divisions 200 through 700 are incorporated by reference into the Project Agreement except (1) as otherwise provided in the Project Agreement and (2) in Divisions 200 through 600, any method of measurement and payment related (including price adjustment) provisions shall not be incorporated into the Project Agreement. Any reference to a specific section of Divisions 200 to 700 in this Schedule 10 shall be deemed to be a reference to that section as modified by this Appendix and any other part of Schedule 10 where that section is modified.		Per CDOT's road and bridge standard section 613.4, All anchor bolts shall be positioned by means of steel templates. The center of the template shall coincide with the center of the base. Anchor bolts where installed in the center of the caisson.	Conformance	4/6/2020 1:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		either execute a Utility No-Conflict Closeout Form or execute a Utility Work Order for every Utility located within the Site (excluding any Temporary Property that is not a Temporary Easement)		Work order executed	Conformance	3/3/2020 7:23:38 AM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		field work coordinated appropriately	Conformance	3/3/2020 7:23:38 AM -07:00	C		Closed
Central 70	C 0704-241	Dry	Utilities	8/14/2020 4:35:46 PM -06:00	be responsible for coordinating with Utility Owners in relation to the performance of all Utility Work by the Developer and the performance of all work relating to Utility Relocations by Utility Owners		CCD and CDOT noticed the new Xcel manhole lids were not raised to grade. This is a breakdown in coordination with utility owner (Xcel).	noted	10/9/2020 7:52:29 AM -06:00	Audit Comment	KIC missed the third party communication during the pre opening walks. This item has been added to future checklists including all 3rd party utility owners	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities	8/14/2020 4:35:46 PM - 06:00	a. Keep Utility Owners fully informed of schedules with regard to Utility Work and other Construction Work relevant to the Utility Work or to Utility Relocations to be performed by the Utility Owner. The Developer shall provide to the Utility Owners, as soon as practicable, an estimated schedule for the relevant Utility Work and/or other relevant Construction Work and shall notify the Utility Owners of any changes to the schedule as soon as practicable;		CCD and CDOT noticed the new Xcel manhole lids were not raised to grade. KMP has not notified Xcel that this work needs to be completed. These lids will not be raised prior to paving.	noted	10/9/2020 7:52:34 AM -06:00	Audit Comment	KIC missed the third party communication during the pre opening walks. This item has been added to future checklists including all 3rd party utility owners	Closed
Central 70	C 0704-241	Dry	Utilities	8/14/2020 4:35:46 PM - 06:00	c. Consider, to the extent practicable, Utility Owners' needs for the allocation of resources to perform their respective Utility Work in a timely manner;		CCD and CDOT noticed the new Xcel manhole lids were not raised to grade. As of 3 PM, Xcel had yet to receive notification from KMP of the schedule to pave this area. Paving began around 2:30-3. Sufficient notification is required for Xcel to allocate resources.	noted	10/9/2020 7:52:38 AM -06:00	Field Resolved	Acknowledged see item 1 and 2	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Location - Detour / Pavement Smoothness Category - In accordance with Appendix A Project Special Provisions		Right wheel path of Lane 3 after the EB Holly On Ramp does not meet smoothness requirements. This was resolved in CAT 1 process.	Field Resolved	12/1/2020 12:36:03 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Areas showing high spots of more than 1/2 inch in 10 feet shall be marked and diamond ground until the high spot does not exceed 1/2 inch in 10 feet		The Temporary Ramps of the North Abutment of Josephine and the tie in to existing pavement did not meet the Spec. This was removed and replaced by PC.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/20/2019 10:26:30 AM - 07:00	All Construction Work required to be performed by the Developer pursuant to this Section shall comply with the Construction Standards, the relevant requirements listed in this Section 8, and Good Industry Practice.		CCD Wastewater Management Standard Details for a double type 16 inlet calls for pipe penetration to be flush with inner wall of inlet. Inlet IN-16D-6148 was formed and poured with a gap in the formwork between the inner wall and the edge of pipe.	See NCR 1812	2/10/2020 4:44:00 PM -07:00	NC-2	NCR 1812 was written to track this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	2/1/2020 5:39:15 PM - 07:00	Existing Cross Drains, Storm Drains, embankment protectors and drainage appurtenances between Brighton Boulevard and Sand Creek shall be removed in their entirety and replaced with drainage features designed for the Project		Existing Storm Drainage detailed for removal was flow filled 20 Jan. Request for Substitution 35, which requests change from removal to abandonment of line, is still in revise and resubmit status as of 28 Jan.	See NCR 1982	2/19/2020 6:04:50 AM -07:00	NC-2	NCR 1982 was written to address this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/2/2020 4:26:05 PM - 06:00	(II) A lateral that is less than half inside diameter of the trunkline and no more than 75 feet long may be connected to the trunkline with a prefabricated pipe wye, tee connection, or by penetration in conjunction with a concrete collar, unless otherwise Approved by the Department or Local Agency (*CO-093).		During approval process for FDC-262, it was discovered that a tee lateral of over 75' was constructed to connect P-P-SPE-7111 to the existing drainage system. After discussion with Department, NCR can be resolved through approval of RFS for tee length of over 75 feet.	See NCR 2150	10/16/2020 7:22:59 AM -06:00	NC-2	NCR 2150 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	i. Consider the use of steel, concrete, or centrifugally cast fiberglass-reinforced polymer mortar pipe. Pipe material shall be submitted by the Developer to the Department for Approval;		Hobas pipe being used for this jack and bore was not submitted to the department for approval.	See NCR 1964	2/6/2020 1:13:48 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	i. Consider the use of steel, concrete, or centrifugally cast fiberglass-reinforced polymer mortar pipe. Pipe material shall be submitted by the Developer to the Department for Approval;		Pipe material was not submitted to the Department for Approval prior to use.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:02:48 PM -06:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	A. Plan and profile with all Utilities shown and labeled with appropriate Utility ID number. All clearances between Storm Drains or Cross Drains and Utilities shall be clearly labeled;		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:02:53 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	B. Jack and boring pit locations;		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:02:57 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	B. Jack and boring pit locations;		No jack and bore location was submitted to the department for acceptance.	See NCR 1963	2/6/2020 1:14:15 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/16/2019 4:14:25 PM - 07:00	B. Jack and boring pit locations;		No plan was submitted to the department prior to operation beginning for boring pit locations.	See NCR 1963	2/6/2020 1:15:16 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/16/2019 4:14:25 PM - 07:00	C. Excavation Material Management Plan;		Excavation material management plan was not submitted prior to operation.	See NCR 1963	2/6/2020 1:15:21 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	C. Excavation Material Management Plan;		No excavation material management plan was submitted to the department for acceptance.	See NCR 1963	2/6/2020 1:14:10 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	C. Excavation Material Management Plan;		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:03:01 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	D. Traffic Control Plan;		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:03:05 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	D. Traffic Control Plan;		No TCP for this operation was submitted to the department for acceptance.	See NCR 1963	2/6/2020 1:14:06 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	E. Dewatering Plan; and		No dewatering plan was submitted to the department for acceptance.	See NCR 1963	2/6/2020 1:14:02 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed

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Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	E. Dewatering Plan; and		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:03:08 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/16/2019 4:14:25 PM - 07:00	E. Dewatering Plan; and		No dewatering plan was submitted prior to operation.	See NCR 1963	2/6/2020 1:15:29 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/16/2019 4:14:25 PM - 07:00	F. Quality Control Plan.		No quality control plan was submitted prior to operation.	See NCR 1963	2/6/2020 1:15:25 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed

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Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:25:19 PM - 07:00	F. Quality Control Plan.		This item was not submitted.	Verified NCR 1963 and 1964 were written and address this issue.	4/13/2020 2:03:13 PM -06:00	Audit Comment	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	1/16/2020 2:24:50 PM - 07:00	F. Quality Control Plan.		No quality control plan was submitted to the department for acceptance.	See NCR 1963	2/6/2020 1:13:58 PM -07:00	NC-2	NCR 1963 and 1964 were written to address Jack and bore submittals C70-KIE-SSF-PMP-000045 and means and methods: C70-KIE-DRN-PRC-000001	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM - 07:00	The Developer shall be responsible for protecting and preserving public and private property from damage resulting directly or indirectly from stormwater runoff along or adjacent to the Site during construction of all improvements, including upstream and downstream properties		Monaco NW Corner at Safeway Bottling: During installation of a drainage line shown on the plans an offsite drainage system was not temporarily connected.	047 was created	4/16/2020 11:31:32 AM -06:00	Audit Comment	Expedited NCR 047 was written to address this issue.	Closed

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Central 70	C 0704-241	Drainage Structures	Drainage	12/4/2019 8:21:58 AM - 07:00	The Developer shall evaluate construction methods and staging during the design phase and include provisions to maintain positive drainage at all times during construction		Existing 18" RCP is called for abandonment in DR-015. This pipe has not been abandoned in accordance with CDOT Specifications, and construction of the MSE wall 509-W1 has occurred around pipe. During storm events, RCP allows water to flow into structure backfill of MSE wall. Phasing of drainage removal does not allow for proper construction of MSE wall.	See NCR 1778	5/9/2020 12:27:52 PM -06:00	NC-2	NCR 1778 was written to track this Pipe	Closed
Central 70	C 0704-241	ITS	Electrical		All Type A, Type B and Type C pull boxes shall conform to the minimum inside dimensions specified in the City and County of Denver (CCD) Traffic Signal Standards (Drawing 16.1.7)		Type C pull box installed at location meet CCD requirements for inside dimensions.	Conformance	2/6/2020 1:07:20 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The cover shall be attached to the pull box body by means of screw-in bolts and shall have two lift slots to aid in the removal of the lid		Bolts installed with pull box and lift points are cast into pull box lid	Conformance	2/6/2020 1:07:20 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All traffic communication pull boxes shall have the words "TRAFFIC COMM" physically impressed (not painted) on its top		Pull box has skid resistant lid with "Traffic Comm" cast into lid.	Conformance	2/6/2020 1:07:20 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The interconnect pull boxes or Pull Box (Special) shall be the Type C pull box		Pull box installed is CCD type C pullbox	Conformance	2/6/2020 1:07:20 PM -07:00	C		Closed

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Central 70	C 0704-241	BMPs	Environmental		The Contractor shall coordinate the construction of temporary BMPs with the construction of permanent BMPs to assure effective and continuous erosion and sediment control throughout the Construction Period.		During the March MAR, it was discovered that either by construction activities, or by nearby snow-melt from the DRIR property, a sediment discharge had occurred onto a neighboring private property. After discussion with CDOT Environmental Staff and Kiewit Environmental Staff, it was decided that all sediment was to be removed from property, and perimeter controls and BMPs were to be moved away from ROD limits and back onto permanent ROW limits, definitively showing that all future discharges were entirely the responsibility of 3rd parties, not Central 70 construction activities.	Field Resolved	4/5/2021 10:32:35 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	BMPs	Environmental	7/28/2020 8:58:20 AM - 06:00	New inlets and culverts shall be protected during their construction. Appropriate protection of each culvert and inlet shall be installed immediately. When riprap is called for at the outlet of a culvert, it shall be installed within 24 hours of completion of each pipe. The Contractor shall remove sediment, millings, debris, and other pollutants from within the newly constructed drainage system in accordance with the CDPS-SCP, prior to use, at the Contractor's expense. All removed sediment shall be disposed of outside the project limits in accordance with all applicable regulations.		Adequate BMPs were not installed to prior to commencing milling operations as a result millings were not prevented from entering the drainage systems in the East Segment. Various inlets on the east segment have been found with millings inside. Millings have also been found in flared ends, rip rap, and ditches. The first	NCR entered	9/9/2020 2:33:47 PM -06:00	NC-2	Expedited NCR entered and assigned to paving. Crews are working to schedule vac-truck and sweeping to remove excess millings.	Closed

						<p>photo attached is an example of one of the inlets showing a pipe that is 2/3 plugged with millings. The second photo is millings which are piled in the flow-line of the barrier wall and millings that have washed into the drainage system.</p> <p>The department was informed that sweeping is occurring. Although based on past observations sweeping does not capture the millings from the flow-line of the barrier wall. The department was informed that the O&M team is also sweeping millings. But based on conversations earlier this year regarding sweeping the O&M team does not sweep up construction debris that responsibility falls on KIC.</p>					
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	(6) Concrete waste, liquid and solid, shall not exceed 2/3 the storage capacity of the washout structure.	Construction crews were not prepared for concrete placement operations to include concrete washout bins. Bins exceeded the allowable storage capacity of 2/3 of washout structure, and overflowing was observed.	1815 was written	1/2/2020 9:35:40 AM -07:00	NC-2	NCR 1815 was written to track this issue	Closed



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Central 70	C 0704-241	BMPs	Environmental	2/18/2020 12:02:28 PM - 07:00	The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		Access point at EB Quebec Off Ramp does not have effective tracking control. As a result, heavy tracking has occurred onto ramp.	Closed per attachments and meeting 19 Feb.	2/24/2020 9:47:50 AM -07:00	NC-2	Ramp and shoulders were swept on 2/17, additional millings dumped and spread the evening of 2/17.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wall Facing	Aesthetics	11/11/2020 7:54:41 AM - 07:00	b. The Developer's design shall create visually appealing transitions between various Project Elements. (For example, the transition between a noise wall adjacent to a bridge and the noise wall on the bridge shall blend together.)		KMPs original design of caisson walls in the lowered section included a Z-factor that predicted that the walls would shift during excavation from the top of the walls down to I-70 roadway elevation. Bridge walls did not have Z factor as they were braced by girders prior to excavation. The movement in the Caisson walls did not occur which resulted in a lip at the transition from Caisson walls to Bridge walls instead of the anticipated flush transition between walls. See attached for examples at Fillmore, Clayton, Columbine. The as-built condition is not as visually appealing as a flush transition would be. In February 2020, KMP discussed this issue with the Department. At that time, the understanding by the Department was that the lip would not exceed 3".	After discussion, Department feels that leaving as is will be the best aesthetic decision.	4/14/2021 8:21:49 AM -06:00	Audit Comment	KIC, KMP and the department held 2 separate meetings since this assessment to discuss aesthetic and safety concerns along with options. The design team is working on the final solution. UDPATE 4/8/21 The final solution was to leave the panels as installed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/20/2019 10:26:30 AM - 07:00	7.3 Reporting of Nonconforming Work		IQC inspectors identified nonconforming work, however after discussing with IQC management, the decision was made to not write an NCR. The work is nonconforming, so an NCR should still be written to document this work.	See NCR 1812	2/17/2020 8:09:31 AM -07:00	NC-2	NCR 1812 addresses this issue	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork	4/6/2020 4:27:24 PM - 06:00	QSP-10 Restricted Activity Construction		Sheet 6 of 13 within the UPRR Phase 4 Abutment Shoring by Existing Pedestrian Wall has been revised to include detail relocating waler seat plates at the east end of the existing wall, as well as reinforcement and concrete placement within the last pedestrian wall window "bay" area. The restricted activity process was not followed to perform this work. The work was completed prior to review and approval by the UPRR. See attached for area revised.	NCR 1856 Created to track this issue to closure.	2/13/2020 2:32:15 PM -07:00	NC-2	NCR 1856 was written to address this issue	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	12/28/2019 2:08:54 PM - 07:00	QSP-10 Restricted Activity Construction		Crews are installing a HoBas CCFRM pipe while the plans show a 48" RCP. A restricted activity should have been held for changing the RCP shown in the plans to CCFRPM.	1876 written	2/13/2020 1:46:03 PM -07:00	NC-2	NCR 1876 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		Galvanized Finish Frame Dimensions 3" x 3"	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		RFC Sheet BS048 : Note 3 - All vertical elements of fence and barrier plumb. See attached. Adjust prior to further installation.	Fencing was removed and replaced after the PC, IWC, and Dept meeting.	1/29/2021 10:36:04 AM -07:00	Audit Comment	PC,IQC and the department set up a walk with Garcia and the Kiewit supervision of fence installation. the week of June 15th. and additional follow up meeting is scheduled the week of June 29th.	Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Mounting Tab Welded to Vertical Fence Post	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Distance between Posts 10'-0" Max	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		RFC Sheet BS048 : Dimensions as per Sheet BS048 - Yes	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Galvanized Finish Note: This audit confirms that the fence components have been galvanized; however it does not address whether or not the galvanization meets the required thickness and other specifications.	Fencing was removed and replaced after the PC, IWC, and Dept meeting.	1/29/2021 10:35:44 AM -07:00	Audit Comment	PC,IQC and the department set up a walk with Garcia and the Kiewit supervision of fence installation. the week of June 15th.	Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Mesh Dimensions 4" x 2" Mesh Dimensions are correct. In one location mesh is bent out of rectangular shape. (See attached.)	Fencing was removed and replaced after the PC, IWC, and Dept meeting.	1/29/2021 10:35:53 AM -07:00	Audit Comment	PC,IQC and the department set up a walk with Garcia and the Kiewit supervision of fence installation. the week of June 15th. and additional follow up meeting is scheduled the week of June 29th. The items in this audit were discussed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders Sheet L2-01 – Bridge Details : Frame Dimensions 3” x 3” Note: Frame holding mesh modified to an L shape which has been accepted in the RFC Plans.	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders Sheet L2-01 – Bridge Details : Distance between Posts 10’-0” Max	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders Sheet L2-01 – Bridge Details : All Bridge Fencing Material Painted FS#36375 “Light Compass Ghost Gray”	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Mesh Running Plumb per RFC 000300 Aesthetic Fence	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 Fence Elevation: Fence Height 3'-2" Min	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders - Sheet L1-02 – Fence Elevation : Max Opening height between bottom of fence and Wall 2"	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	6/2/2020 12:19:27 PM - 06:00	The Developer shall comply with the aesthetic Element requirements of the Technical Requirements and Section 14 of Schedule 10 (Design and Construction Requirements).		10B10.14.02 Aesthetic Design Standards with Change Orders Sheet L2-01 – Bridge Details : Mounting Tab Welded to Vertical Fence Post	Conformance	6/1/2020 3:54:14 PM -06:00	C		Closed
Central 70	C 0704-241	BMPs	Environmental		20.1.2. Water quality activities shall be conducted in accordance with Section 208.		See attached email for issue and resolution.	Field Resolved	5/10/2021 3:26:06 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		i. The Developer shall design new and separate conduit systems (including all hardware, fasteners, and accessories) for communication and power control systems.		Conduit installed per plan with spaces and chairs to separate each type of conduit.	Conformance	4/6/2020 1:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		Conduit DB is installed within ROW	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Longitudinal conduits for the communications network shall be installed within the Right-of-Way (ROW) and as close to the ROW line as practical		Conduit DB is within ROW	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		Conduits installed per NEC requirements	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		NEC requirements followed during installation.	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		All conduit installed per NEC code. Fill ratios will be audited at a later date.	Conformance	4/6/2020 1:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Conduits shall be installed by the Developer per the National Electrical Code (NEC) requirements including separate conduits and pull boxes for power, communications and appropriate conduit fill ratio.		NEC guidelines followed during trench installation	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Two 6" Grey Zayo, Five 2" Orange CDOT, One 2" Green/Orange CCD and One 2" Brown (Terracotta) CDOT lateral in trench which follow correct color specifications.	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Color codes were followed as required	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		v. Fiber strand color codes and conduit color codes shall follow CDOT's, Zayo's and CCD's requirements;		Five CDOT 2" orange HDPE conduits pulled in from the east and west side of manhole. Conduits are also grouted in.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		vii. The Developer shall be responsible to install the number of conduits in a duct bank, as described below.		Five 2" orange HDPE conduit are within trench.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		See Requirement 6 and 7.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		Five 2" Orange HDPE installed as required	Conformance	3/20/2020 8:43:01 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		The appropriate types and amounts of conduits were installed for the CDOT ITS duct bank.	Conformance	4/6/2020 1:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. CDOT's duct bank consists of five 2-inch conduits along I-70 Mainline between Airport Blvd. and the pull box west of I-25; one of the 2-inch conduits is for CDOT's backbone and the other four 2-inch conduits are spare for CDOT's future use and not to be used on this Project.		5 2" orange CDOT conduits installed per plan.	Conformance	3/23/2020 3:27:03 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		viii. Any conduits needed for ITS or ETC fiber laterals or power shall be installed in addition to CDOT's five 2-inch conduits;		A Terracotta 2" conduit is within the duct bank as a lateral conduit.	Conformance	4/6/2020 1:37:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. All references to conduits in this Section 3 shall be either polyvinyl chloride (PVC) schedule 80 or high-density polyethylene (HDPE) schedule 80 and ETL/UL listed.		Conduit is HDPE schedule 80	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduit is factory lubricated with Silacore technology	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduits are factory lubricated with Silocore technology	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		Conduit is factory lubricated with Sila-Core technology	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ix. The conduits shall be factory lubricated, low friction, high-density conduit constructed of virgin schedule 80		HDPE conduit is factory lubricated with Silocore technology	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduits are in conformance with CDOT standards	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		All conduit comply with CDOT standard specifications	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		xi. All conduits shall comply with the CDOT Standard Specifications;		In Conformance with CDOT Specification for conduit	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. Separate 2-inch lateral conduits for fiber laterals shall be required to the ETC and ITS equipment. These shall be in addition to the five 2-inch conduits for CDOT;		One 2" Terracotta (Brown) lateral installed as required	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. Separate 2-inch lateral conduits for fiber laterals shall be required to the ETC and ITS equipment. These shall be in addition to the five 2-inch conduits for CDOT;		A separate 2" CDOT terracotta lateral installed as required	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. CDOT and Zayo require manholes for backbone conduits. Pull boxes will not be allowed for CDOT or Zayo backbone conduits, unless otherwise Approved by the Department (*CO-011). See the Pull Boxes and Manholes section in this Section 3 for spacing requirements;		Zayo conduit and CDOT go into separate CDOT and Zayo manholes respectively.	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		O. If the conduit duct bank is trenched (*CO-049) under proposed or existing live traffic, a concrete (Class BZ) encased trench to the bottom of the pavement structural section is required; except under local roads, where the conduits shall be encased with concrete (Class BZ), and structure backfill (flow-fill) or Approved compacted backfill shall be installed from the conduit encasement to the bottom of the pavement structural section (*CO-049);		Conduit that is to cross Colorado to the East is cast in BZ	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The Developer shall furnish and install five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone, along the I-70 Mainline, which shall terminate in the new node building at I-70/ Airport Blvd.;		Five 2" Orange HDPE bored in	Conformance	4/2/2020 10:37:14 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(cc) Provide a manhole for CDOT's splice location at I-70/Airport Blvd. next to Zayo's facility;		Manhole installed	Conformance	4/2/2020 10:37:14 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) Eight (*CO-026, *CO-049) conduits shall be stacked in a trench that shall be no more than 22-inches in width, except as Approved by the Department.		Trench is 22 inches wide.	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) Eight (*CO-026, *CO-049) conduits shall be stacked in a trench that shall be no more than 22-inches in width, except as Approved by the Department.		Trench is no more than 22" wide	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo installed as required. Previous ECN changed the requirement from four to two 6" conduits	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 5" grey Zayo conduit installed as required	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo present. Previous ECN changed requirement from four 6" grey to two.	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo conduit installed as required	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo conduit installed as required	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo installed as required. Previous ECN changed requirement from four 6" grey to two 6" grey.	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" grey Zayo conduit installed as required.	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" zayo installed as required	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" Grey Zayo conduits installed as required	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The eight (*CO-026, *CO-049) conduits are as follows: (aa) Two (*CO-026, *CO-049) 6-inch conduits, both conduits equipped with seven 1 1/4-inch innerducts for Zayo (*CO-049). These conduits are inclusive of Zayo's 432-strand (*CO-049) fiber optic cable which includes 36 strands of fiber allocated to CDOT and are a shared resource between Zayo and CDOT. An agreement between Zayo and CDOT allows for this 36 strands of fiber to extend through the entire length of the conduit;		Two 6" Grey Zayo conduit installed as required	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(I) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green/Orange CCD installed as required	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green/Orange CCD conduit installed as required	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		one 2" green/orange CCD installed as required	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange for CCD installed as required	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange installed as required	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green/Orange CCD conduit installed as required	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green/Orange CCD installed as required	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		2" Green with orange stripe is present	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange CCD installed as required	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green/orange installed as required	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" Green with Orange stripe HDPE installed as required	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" green with orange stripe installed as required	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (bb) One 2-inch conduit for CCD's 96 strand fiber optic cable (CCD's backbone); and		One 2" CCD Green with orange stripe installed as required.	Conformance	3/18/2020 2:17:24 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange Conduit installed as required.	Conformance	3/18/2020 2:17:24 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE installed as required	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE installed as required	Conformance	3/27/2020 8:17:01 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		five 2" Orange HDPE present	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange CDOT installed as required.	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE CDOT installed as required	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange CDOT installed as required	Conformance	3/27/2020 8:42:08 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange CDOT conduit installed as required	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange CDOT installed as required	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" orange installed for CDOT as required	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE for CDOT installed as required	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		(l) The twelve conduits are as follows: (cc) Five 2-inch conduits for CDOT, comprised of 4 spare conduits and one conduit for the CDOT backbone.		Five 2" Orange HDPE CDOT installed as required	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities in joint trench	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities within joint trench	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No other utilities are placed in the trench.	Conformance	4/22/2020 10:31:27 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		Utilities not within joint trench	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities in joint trench	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities in joint trench	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Utilities shall not be permitted in the joint trench and shall not be permitted within 4 feet on either side of the joint trench.		No utilities in trench	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		Crossed CCD Parks water line but no other wet utility interference present	Conformance	4/2/2020 10:37:14 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Wet Utilities are not allowed above or below the conduit duct bank except for crossings		Duct bank was installed approx 4' north of the new water line.	Conformance	3/17/2020 3:14:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Conduit duct bank is no more than 22" wide and is buried at 4'6"	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Conduit DB is no more than 22" wide	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		Trench does not exceed 22inches	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The conduit duct bank shall be no more than 22-inches wide, and provide 4 feet of cover, plus the surface thickness of the pavement or sidewalk, measured from the top of the conduit		ITS DB is less than 22" wide	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit DB is installed at 5'3" depth	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		ITS DB is <6' deep	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Trench depth does not exceed 6'	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		ITS DB is < 6'	Conformance	3/18/2020 2:17:24 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		ITS DB installed at a depth of 5.5 feet as provided in model.	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit DB depth measure 70" deep	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit DB is less than 6' deep	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit depth was measured between 5'6" and 6'.	Conformance	4/22/2020 10:31:27 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit installed per elevation plansheet	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Duct bank was measured between 4' and 5' deep at several locations.	Conformance	3/17/2020 3:14:58 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Duct bank was measured between 4' and 5'.	Conformance	3/23/2020 3:27:03 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit DB measures 67" in depth	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Conduit duct bank shall be no deeper than 6 feet		Conduit was bored under I-70 Westbound lanes from inside shoulder. Conduit was no deeper than 5'.	Conformance	5/22/2020 10:00:16 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. Cover and placement requirements for utilities, conduit, and duct bank shall be followed or as Approved by the Department;		Cover and placement requirements followed	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		All interference's were handled correctly and also cast in BZ as well as flow-fill	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		ii. Any interference between other conduits, drainage pipes and outlets shall be mitigated. The fiber conduits perpendicular to any drainage outlets shall be cast in concrete (Class BZ) to prevent it from floating upward to the surface. A design by the Developer shall be submitted for Acceptance if at least a 48-inch depth from the top of the conduit trench to the surface cast in concrete (Class BZ) cannot be accommodated. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore;		Drainage line that runs perpendicular to duct bank was avoided by going underneath line and then was concreted in using BZ mix	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit within bore are bundled through the entirety of the bore shot	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		All bored conduits were bundled together when necessary.	Conformance	4/6/2020 1:34:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit was bundled within boreshot	Conformance	4/2/2020 10:37:14 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Conduit within bore shot are bundled together for the entirety of bore	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		ii. For bores that contain more than one conduit, the conduit shall be bundled together and contained in a single bore.		Three 1" conduits were pulled from the north side of I-70 and Havana to the inside shoulder for the loops lead in wires for the tolling point.	Conformance	5/22/2020 10:00:16 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit Plugs were installed immediately after conduits were pulled back and set. Conduit was then paved over for future loop cutting.	Conformance	5/22/2020 10:00:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon install	Conformance	4/30/2020 4:46:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed upon completion of pull box installation and cabinet base installation.	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	3/20/2020 8:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately after being cut and run into manholes.	Conformance	3/20/2020 8:43:33 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduits in area run directly in a Zayo and CDOT ITS manhole respectively and are plugged in each manhole.	Conformance	3/18/2020 2:17:24 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	7/24/2020 12:23:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed as required	Conformance	3/27/2020 8:18:05 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	4/13/2020 3:04:41 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		All conduits installed were plugged as soon as they were installed	Conformance	4/6/2020 1:34:26 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed in all conduits in Ramp meter comm box and electrical box.	Conformance	3/23/2020 3:27:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed after installation	Conformance	3/23/2020 3:27:03 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were not installed all conduits in 3 pull boxes. Some pull boxes had the plugs in the box, but not in the conduit. Issue was brought up to Chris Wilson and he sent a crew to install conduit plugs in all empty conduits.	Field Resolved	3/17/2020 3:14:22 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	5/29/2020 8:13:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs installed immediately upon completion	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Plugs installed immediately upon completion	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed immediately upon completion	Conformance	4/30/2020 4:44:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		Conduit plugs were installed upon conduit installation.	Conformance	4/22/2020 10:31:27 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iv. The conduit shall not be considered complete until the conduit plugs, pull tape, tracer wire have been installed, and all requirements in Appendix A to this Section 3, Revision of Section 613 – CDOT Electrical Conduit have been met;		Conduit plugs installed immediately upon completion	Conformance	4/2/2020 10:37:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	10/22/2020 8:43:07 AM - 06:00	i. The Developer shall be responsible for locating all underground facilities to avoid or minimize conflicts with these facilities. If any facilities are damaged during construction, the Developer shall be responsible for all repairs;		Upon further investigation, project provided phone number to call CDOT for private locates(for irrigation)is an invalid phone number. Colorado 811 and project provided phone number both called but no field response to locate utilities in mousetrap area. Please provide explanation of reasoning that work continued regardless of the fact that utilities(irrigation in this instance) were clearly in area as well as why the phone number was not reported as invalid.		12/11/2020 1:38:55 PM -07:00	Audit Comment	Discussions in task force with Matt Blackburn have addressed this concern.	Closed
Central 70	C 0704-241	ITS	Electrical		i. The Developer shall be fully responsible for the furnishing and installation of all DMS signs.		SMVMS supplied and installed by Sturgeon Electric crew.	Conformance	4/29/2020 8:10:43 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. The DMS shall be installed in accordance with manufacturer's recommendations		SMVMS installed in accordance with plan sheet SSTR-228.	Conformance	4/29/2020 8:10:43 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		iii. The CCTV cameras shall be mounted on minimum of a 50 feet steel poles as described below and shall have a lowering device that allows CCTV cameras to be lowered to the ground, unless otherwise Approved by the Department;		CCTV is mounted on 60 ft. lowering device that is a two piece pole per CDOT standards and specifications.	Conformance	1/25/2022 3:31:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		i. The Developer shall design the DTD ATR counting station. Each new DTD ATR must collect data for all lanes of travel, including the General Purpose Lanes, auxiliary Lanes, and Tolleed Express Lanes in both directions.		DTD ATR loop install covers all 13 lanes (Eastbound and Westbound) and totaled 26 saw cuts for 2 sensors for each lane.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	5/12/2020 10:57:11 AM - 06:00	All Construction Work will be inspected by CDOT's Traffic Data Collection Unit (TDC) during installation for Approval		CDOT's Traffic Data collection manager was not notified of to conduit installation work that was completed on the night of 5/11/2020 until the evening the work was to take place so was not able to inspect the work.	Response acceptable	6/5/2020 10:01:17 AM -06:00	Audit Comment	The notification issue was discussed in the Electrical task force on Monday's. It is my understanding that this has been addressed.	Closed
Central 70	C 0704-241	ITS	Electrical	6/8/2020 12:24:01 PM - 06:00	B. A friction sensor shall only include the remote processing unit, air temperature/relative humidity sensor, ultrasonic wind sensor, non-intrusive pavement condition sensor, non-intrusive pavement temperature sensor, cabinet, mounting of sensor, and communications to CTMC. See Section 3 Appendix A, Revision of Section 614 -Weather Monitoring System, for the environmental friction sensor items.		All equipment supplied and installed per the contract.	Conformance	6/8/2020 10:19:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		i. All cabinets shall be installed per the manufacturer requirements or the requirements found in the Project Special Provisions, Appendix A to this Section 3; and		Type 2 pole mount cabinet installed per plan and in accordance with all CDOT standards and specifications.	Conformance	1/25/2022 3:31:32 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		Manhole is 5'x5'x5' which is conformance with project specifications.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		CCD pullbox is 24x36 and has "Traffic Comm" cast into lid per specifications	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		CCD pullbox is 24"x36" and has "Traffic comm" cast into lid per specifications	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		CCD PB measures 24"x36"	Conformance	4/10/2020 3:30:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pull box dimensions are 24"x36"	Conformance	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pull box installed measures 24"x36"	Conformance	2/6/2020 2:51:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall be 24-inches by 36-inches minimum for fiber laterals or ITS and ETC power locations and manholes shall be used for all CDOT fiber backbone locations		Pullbox measures 24"x36"	Conformance	3/27/2020 8:41:39 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Pullboxes are clustered in a group	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Pullboxes are clustered.	Conformance	4/10/2020 1:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		Pullbox is clustered with CDOT ITS manhole	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		CCD pullbox is clustered with CDOT ITS manhole and Zayo fiber vault	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		CCD pullbox to the east and west are within 500 foot requirement	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		CCD pullboxes to the east and west are within 500 foot limit	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		CCD Pullboxes are spaced no greater than 500 ft. apart	Conformance	4/10/2020 1:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		CCD PB are spaced no greater than 500' apart	Conformance	4/10/2020 3:30:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. Pull boxes for ITS and ETC power shall be spaced no greater than 300 feet apart as Accepted by the Department;		As required	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Pullboxes are placed within 5 feet of cabinets and also within 20 feet of future ITS Structure	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullbox is constructed of fiberglass reinforced concrete and has a skid resistant double lid	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pull box is constructed of fiberglass reinforced concrete	Conformance	2/6/2020 2:51:36 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pull box is constructed of fiberglass reinforced polymer concrete and has a detachable single piece lid with "Traffic Comm" cast into lid as required by CCD	Conformance	4/10/2020 3:30:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		CCD PB is constructed of fiberglass reinforced polymer concrete and has a single detachable lid.	Conformance	4/10/2020 1:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pull box is fiberglass reinforced, polymer concrete. Label CDOT Comm is cast into lid.	Conformance	4/13/2020 2:46:36 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullbox is fiberglass reinforced concrete and has a skid resistant lid	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pullbox is manufactured by New Basis ans is made from fiberglass reinforced concrete and comes with a skid resistant lid	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		Pull box is constructed of fiberglass reinforced concrete	Conformance	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullbox is Tier 22 rated	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullbox is Tier 22 rated	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		PB is Tier22 rated	Conformance	4/10/2020 1:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		CCD PB are Tier22 rated	Conformance	4/10/2020 3:30:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pull box is Tier22 rated	Conformance	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pull box is verified and Tier22 rated	Conformance	2/6/2020 2:51:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		Pullbox is Tier22 rated	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		The Developer shall furnish and install all pull boxes and manholes based on the Construction Standards and any applicable Local Agency standards and specifications. Each location shall be easily accessible for maintenance purposes. Pull boxes shall not be placed in a known flood-prone area or drainage ditch. A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole.		Requirements meet	Conformance	3/17/2020 3:14:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall furnish and install all pull boxes and manholes based on the Construction Standards and any applicable Local Agency standards and specifications. Each location shall be easily accessible for maintenance purposes. Pull boxes shall not be placed in a known flood-prone area or drainage ditch. A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole.		Location is accessible and behind guardrail	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Developer shall furnish and install all pull boxes and manholes based on the Construction Standards and any applicable Local Agency standards and specifications. Each location shall be easily accessible for maintenance purposes. Pull boxes shall not be placed in a known flood-prone area or drainage ditch. A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole.		All CDOT specifications met while installing manhole	Conformance	2/17/2021 9:20:05 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Location is easily accessible for future maintenance purposes	Conformance	3/27/2020 8:41:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Location is easily accessible for future maintenance access.	Conformance	4/10/2020 3:30:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Location is in an easily accessible area.	Conformance	4/10/2020 1:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is safe for future maintenance access	Conformance	1/2/2020 8:14:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Pullbox is accessible and safe for future maintenance purposes.	Conformance	1/2/2020 8:13:41 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		Area is behind barrier but is accessible and safe for future maintenance operations.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Pull box installed within RWIS concrete pad at just of the EB shoulder of I-70. Not in flood prone area.	Conformance	4/13/2020 2:46:36 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		Pull boxes not in flood prone area	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2). Flowfill used to backfill around manhole.	Conformance	5/14/2020 1:00:56 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		Pre-cast units shall be provided with factory-installed knockouts that will permit the installation of a minimum of 6 of 2-inch conduits. The factory-installed knockouts shall be at a depth of 3 feet below the top of the Manhole TMS. Manhole knock outs are located 3' below top of Manhole	Conformance	5/14/2020 1:00:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		<p>The Contractor shall neatly excavate the site of Manhole TMS installation. A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.</p> <p>12" of 3/4" gravel was placed before setting manhole.</p>	Conformance	5/14/2020 1:00:56 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		<p>Location Marker (Fiber Optic) (Dome) shall be made of non-conductive high-density polymer, and shall be integrally white in color with an orange cap.</p> <p>Dome location marker was installed after manhole installation was complete.</p>	Conformance	4/6/2020 1:35:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		<p>The Contractor shall neatly excavate the site of Manhole TMS installation. A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.</p> <p>12" of crushed granite-gravel was installed and verified by IQC inspector.</p>	Conformance	4/6/2020 1:35:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 604 – CDOT ITS Manhole for Traffic Management System		<p>Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).</p> <p>Manhole area was hydrovaced and manhole hole was installed in area. Soil around manhole was compacted and passed IQC testing per section 206.</p>	Conformance	4/6/2020 1:35:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 612 – CDOT ITS Location Markers		<p>Location Marker (Fiber Optic) (Dome) shall be installed at all pull box and Manhole TMS locations that contain fiber optic cable. Intermediate Location Markers shall be installed evenly at a maximum of 1000 foot spacing along each conduit run.</p> <p>Location marker installed.</p>	Conformance	4/13/2020 2:45:59 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.</p> <p>All conduits installed were HDPE.</p>	Conformance	4/6/2020 1:34:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Electrical Conduit (*CO-093)		<p>All HDPE conduit shall be factory lubricated, low-friction, high-density conduit constructed of virgin high-density polyethylene resin. HDPE conduit shall be capable of being coiled on reels in continuous lengths, transported, stored outdoors, and subsequently used for installation, without affecting its properties or performance.</p> <p>Conduit installed was Silicore factory lubricated HDPE conduit.</p>	Conformance	9/16/2020 8:45:54 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>One piece lids shall have a minimum of two lift slots per lid, while split lids shall have a minimum of one lift slot per lid. Lift slots shall be rated for 3,000 pounds.</p> <p>Two piece lids where used with at least one lifting slot per lid.</p>	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Wire mesh shall be installed in to completely surround the box. The wire mesh shall be installed prior to the installation of the pull box above the bed of 3/4 inch granite-gravel. The wire mesh shall be gently cut to allow only the entrance of the conduit through at the bottom of the box. All openings cut in the wire mesh that are larger than the diameter of the conduit shall be covered with additional wire mesh in a manner to completely surround the pull box with wire mesh.</p> <p>Wire mesh was installed after the installation of the granite and surrounding the pull box. The mesh was neatly cut to allow the conduit to enter the bottom of the pull box.</p>	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Pull box removable lids shall be provided with a skid-resistant surface and have the words “CDOT COMM”, or “CDOT POWER”, as well as “EMS MARKER EMBEDDED IN COVER” and the tier level rating cast into the surface. Painting of words shall not be accepted.</p> <p>Pull box lids meet the Project specs.</p>	Conformance	3/23/2020 3:27:24 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Pull boxes installed in dirt or landscaped areas shall have a Class B concrete apron or a pre-cast polymer concrete apron. Class B concrete shall be in accordance with Section 601.</p> <p>Precast Polymer concrete aprons installed.</p>	Conformance	3/23/2020 3:27:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Wire mesh shall be installed in a manner to completely surround the box. The wire mesh shall meet the material standard ANSI/American Society of Testing and Materials (ANSI/ASTM) A555-79 and made of T-304 stainless steel, 0.025 inch wire diameter minimum and shall have a spacing of 10 mesh per inch.</p> <p>Wire mesh at the bottom of the pull box was sloppy and had a very large gap. The issue was brought up to Chris Wilson and he sent a crew to repair it in the same day.</p>	Field Resolved	3/17/2020 3:14:23 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box. The granite-gravel shall be free of dirt and debris and spread evenly to facilitate a level base for the pull box. The Contractor shall ensure that sufficient compacting is made prior to the installation of granite-gravel to alleviate future settling.</p> <p>¾" Crushed granite installed under the moved pull box.</p>	Conformance	4/13/2020 2:45:59 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Wire mesh shall be installed in a manner to completely surround the box. The wire mesh shall meet the material standard ANSI/American Society of Testing and Materials (ANSI/ASTM) A555-79 and made of T-304 stainless steel, 0.025 inch wire diameter minimum and shall have a spacing of 10 mesh per inch.</p> <p>New Wire Mesh installed around moved pull box.</p>	Conformance	4/13/2020 2:45:59 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>Pull box removable lids shall be provided with a skid-resistant surface and have the words “CDOT COMM”, or “CDOT POWER”, as well as “EMS MARKER EMBEDDED IN COVER” and the tier level rating cast into the surface. Painting of words shall not be accepted.</p> <p>Lid had CDOT COMM cast into it.</p>	Conformance	4/13/2020 2:45:59 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 613 – CDOT Pull Boxes (*CO-034)		<p>A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box. The granite-gravel shall be free of dirt and debris and spread evenly to facilitate a level base for the pull box. The Contractor shall ensure that sufficient compacting is made prior to the installation of granite-gravel to alleviate future settling.</p>	Conformance	4/13/2020 2:46:36 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Lane Use Sign and Sidemount Variable Message Sign		<p>Contractor shall provide a minimum of 10 feet of coiled slack power and control cables for each LUS or SMVMS in the pull boxes or inside the sign structure.</p>	Conformance	4/29/2020 8:10:43 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	5/12/2020 10:57:11 AM - 06:00	Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		<p>(a) General. A minimum of five days prior to installation, the Contractor shall submit a schedule of installation activities including alternative scheduling to the CDOT Project Manager and the Traffic Data Collection (TDC) Manager (contact information to be requested from the Department). The installation instructions from the manufacturer shall also be submitted for approval. Installation shall not begin until approval has been received from CDOT.</p> <p>Five (5) days notice prior to installation of the ATR loop conduit was not provided to CDOT Project Manager or the Traffic Data Collection manager. Also the installation instructions from the manufacture and permanent product submittal for the ATR equipment have not been received and approved by CDOT.</p>	Response acceptable	6/5/2020 10:01:32 AM -06:00	NC-2	ENCR 0139 was written to address this issue.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		For the permanent ATR, the Contractor shall install the loops and piezos as close to the existing detection equipment locations as possible. Exact locations, dimensions, and configurations may vary based on site conditions, and shall be as Approved by CDOT.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		Loop leads shall be pulled from the pull box adjacent to the loop into the cabinet without splices. Multi-conductor loop lead-in cable may be used.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		The Contractor shall furnish and install any in-pavement loops and pull boxes for the existing permanent DTD ATR Stations that are impacted during the construction.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		One continuous length of loop wire shall be used for each loop from pull box or cabinet around the loop with 4 turns and back to the pull box with no splices. The wires shall be seated in the bottom of the saw slot. A ½-inch backer-rod shall be installed to insure wires do not float to the surface during grouting. Backer-rod shall be installed in 4 to 6 inch pieces with 1 to 2 foot gaps in-between, to insure the sealant will come in contact with the loop wire. One continuous piece of backer-rod will not be allowed.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		Loops shall be sealed with a two-part self-curing, self-bonding weatherproof epoxy approved for sealing loops. Loops shall be 6 feet by 6 feet.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		The saw cut for the loops shall be made 3/8 inch wide and 3-½ inches deep. The saw slot shall be as straight as possible and shall not vary more than ½ inch when checked with a straightedge. No more than one set of loop lead wires shall be placed in one saw slot. Saw cuts shall be hydro-blasted with a mixture of water and air and then blown free of water and debris with compressed air, using a large capacity air compressor of at least 150 CFM. The cuts shall be dry prior to placement of loop wire.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		Loop and loop leads shall be installed directly into the pavement, to pavement edge, pull box or cabinet. If loops are installed during asphalt paving, the loops shall be installed before the final lift is placed.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		All loop corners shall be rounded using a 1 -½ inch hole drilled to a minimum depth of 3-½ inches. Loop leads shall be drilled when leaving the roadway surface at a 45 degree angle 8 inches from pavement edge out through the side or bottom of roadway, the drilled hole shall be no larger than ¼ of an inch. All holes shall be spaced a minimum of three inches from one another. No more than one set of loop lead wires shall be placed in one drill hole.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		Installation at an ATR count or classification site shall consist of one loop or one loop set (two loops) within a single lane. The loop sets shall be separated by 10 feet, plus or minus 1 inch, resulting in a distance of sixteen feet from the leading edge of the first loop in the direction of travel to the leading edge of the second loop.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		Loop detector wire shall consist of specified loop wire encased in ¼ inch OD, 3/16 inch ID vinyl or polyethylene tubing (14-1/C Loop detector cable 19 STR. PVC/Nylon/PVC Tube 600v IMSA 51-5). Loop detector wire may be spliced to a multi-conductor loop lead-in cable for the run back to the cabinet, with CDOT DTD Approval of product submittals.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		After the loops are properly seated and tested, the slots shall be filled with a two-part self-curing, self-bonding epoxy or grout, as recommended by the manufacturer. Excess epoxy shall be removed to avoid unnecessary high spots, and level with the roadway surface.	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		<p>Per note 4 on ITS-030 "Pullbox and lid placed in paved shoulder shall be AASHTO HS-20 rated and the lid shall be bolted down in a minimum of two places.</p> <p>Comment-Pullboxes in median do not meet AASHTO HS-20 rating. Upon speaking with SECO, HS-20 rated pullboxes are ordered and will arrive May 27 and shall be installed immediately upon arrival.</p>	Field Resolved	6/1/2020 11:46:40 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		<p>After the saw slot is cleaned of debris and dried, the wire shall be placed for the loop by pushing it into the slot with a blunt non-metallic object. A screwdriver or other sharp tool will not be permitted. Care shall be used to avoid abrading or damaging the insulation.</p>	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		<p>Grout or epoxy for the installation of the loops and piezos shall conform to manufacturer's recommendations.</p>	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Automatic Traffic Recording Station (Changes in *CO-061)		The Contractor shall coordinate all work with the CDOT Traffic Data Collection Manager (contact information to be requested from the Department).	Conformance	6/1/2020 11:46:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Closed Circuit Television		CCTV installed at Station 2376+79. CCTV bagged to protect it from the elements.	Conformance	12/9/2020 10:59:30 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Closed Circuit Television		A single hand hole may be provided in lieu of the dual hand holds detailed. If a single hand hole is detailed, the hand hole opening shall be designed to meet AASHTO fatigue requirements in accordance with the latest interim revisions to the code, and reinforced with a minimum 2 inch wide hot rolled steel rim. The nominal outside dimension of a single hand hole shall be 6 inches by 27 inches. The single hand hole shall have a tapped hole for mounting the portable winch thereto and include a cover. Unless otherwise noted, the bottom lip of the single hand hole shall be located on the shaft between 30 inches to 33 inches from the baseplate.	Conformance	1/25/2022 3:31:32 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Closed Circuit Television		Poles greater than 50 feet in length shall be of multi-piece construction.	Conformance	1/25/2022 3:31:32 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Closed Circuit Television		The camera lowering system shall be designed to support and lower an Ethernet (IP-based) CCTV camera, lens, housing, Pan-Tilt-Zoom (PTZ) mechanism, cabling, connectors and other supporting field components without damage or causing degradation of camera operations.	Conformance	1/25/2022 3:31:32 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Breakaway Tapered ITS Steel Pole		Each Breakaway Tapered ITS Steel Pole shall be installed as designed herein. The Contractor shall furnish and install all incidentals necessary to provide a complete working system at each location. ITS pole installed per detail sheet ITSDT-27	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Breakaway Tapered ITS Steel Pole		<p>An aluminum transformer base shall be provided which shall conform to breakaway requirements of the American Association of State Highway and Transportation Officials (AASHTO) 2013 Sixth Edition of the Standard Specification for the Supports for Highway Signs, Luminaires and Traffic Signals; and accepted for use by the Federal Highway Administration (FHWA).</p> <p>An aluminum transformer break away base was installed with ITS pole.</p>	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	6/8/2020 12:24:01 PM - 06:00	Revision of Section 614 – Breakaway Tapered ITS Steel Pole		<p>All work shall conform to the specifications referenced herein and the current edition of NFPA 70. Each Breakaway Tapered ITS Steel Pole shall be installed as designed herein. The Contractor shall furnish and install all incidentals necessary to provide a complete working system at each location.</p> <p>40' ITS pole installed per plan.</p>	Conformance	6/8/2020 10:19:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Breakaway Tapered ITS Steel Pole		<p>An aluminum transformer base shall be provided which shall conform to breakaway requirements of the American Association of State Highway and Transportation Officials (AASHTO) 2013 Sixth Edition of the Standard Specification for the Supports for Highway Signs, Luminaires and Traffic Signals; and accepted for use by the Federal Highway Administration (FHWA).</p> <p>Break away base meets requirements.</p>	Conformance	4/6/2020 1:37:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Breakaway Tapered ITS Steel Pole		Each Breakaway Tapered ITS Steel Pole shall be installed as designed herein. The Contractor shall furnish and install all incidentals necessary to provide a complete working system at each location. ITS Pole installed per the design.	Conformance	4/6/2020 1:37:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – CCTV Pole with Lowering Device		At a minimum, anchor bolts shall conform to the requirements of ASTM F1554 Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength Grade 55. The upper 12 inches of the bolts shall be hot dip galvanized per ASTM A153 Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware. Each anchor bolt shall be supplied with two hex nuts and two flat washers. The strength of the nuts shall equal or exceed the proof load of the bolts.	Conformance	6/8/2020 10:19:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – CCTV Pole with Lowering Device		The lowering system manufacturer shall furnish an authorized factory representative to support the Contractor with the assembly and testing of the first lowering system onto the pole assembly. The manufacturer shall furnish documentation to CDOT certifying that the Contractor has been instructed on the installation, operation and safety features of the lowering system for this specific Project.	Conformance	6/8/2020 10:19:09 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – CCTV Pole with Lowering Device		CCTV lowering device installed per spec.	Conformance	12/9/2020 10:59:30 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Fold-Over Tower (ITS)		A 5 foot wide by 6 foot long by 4 inch deep concrete pad shall be formed and poured after the tower footing has been installed. The Contractor shall set the pull boxes shown on the Project details and pour the pad around the pull boxes. All incoming conduits shall be installed under the concrete pad and shall be coupled to the conduits installed in the footing as required.	Conformance	4/13/2020 2:46:36 PM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Fold-Over Tower (ITS)		<p>Contractor shall install heavy duty fold over tower and base assembly shall be installed in accordance with the details shown in the Plans per manufacturer's recommendations.</p> <p>RWIS tower base installed per plansheet ITSDT-33. Conduits added to accommodate for the manufacturers recommended grounding system. The grounding detail will be added to the planset via FDC-000338.</p>	Field Resolved	4/13/2020 2:46:36 PM -06:00	Field Resolved		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	6/8/2020 12:24:01 PM - 06:00	Revision of Section 614 – Environmental Friction System		<p>If the EFS is greater than 25ft from the white edge line of the roadway being measured, then the non-intrusive pavement condition sensor shall include a breakaway pole and underground conduit to install the sensor at an appropriate height to detect conditions in the closest lane of travel.</p> <p>EFS is installed at 30' on the ITS pole, but when aimed at the roadway a pedestrian fence on the bridge interferes with the laser sensor reaching the 1st travel lane.</p>	Response acceptable	8/13/2020 2:59:26 PM -06:00	Audit Comment	Sturgeon had manufacturer on site for recommendations with this issue. Manufacturer recommends to raise the RWIS to the penetration at 35'. Please reference page 93-105 for the aiming angles and distances. Sturgeon will adhere to the install manual and Vaisala will verify at commissioning the fence will not be an issue.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>The Contractor shall provide a web interface camera for the test lab to allow for the test lab devices to be remotely monitored and verify messages by the CTMS Integrator and the CTMC.</p> <p>CCTV camera is installed, but due to malware attack, was not able to be verified. Also not all devices would be visible to monitor once the camera can be verified. Some VMS signs will need to be moved to be verified and monitored.</p>	VPN Network up and running.	7/7/2020 10:11:28 AM -06:00	Audit Comment	Acknowledged. The cyber attack should be resolved before June 1st	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>Communications equipment will include, but is not limited to, an Ethernet switch and jumper cables. Communications shall be either on the Contractor's internal network, be placed on cellular modems, or provide other means of communication between the test lab and the CTMS Integrator's offsite testing location. All cabinets and controllers shall be provided as necessary.</p> <p>Sturgeon's network was down due to Malware attack. Ethernet switch and cables were installed, but the network was not able to be verified. Will have to get conformation once their network is back up.</p>	VPN Network up and running.	7/7/2020 10:11:40 AM -06:00	Audit Comment	Acknowledged. The cyber attack should be resolved before June 1st	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>The Contractor shall provide remote communications through a VPN access to the ITS test lab to allow for test message delivery to the device (s) from the CTMS Integrator.</p> <p>VPN had been established, however due to a malware attack, it was not functioning at the time of the test lab tour.</p>	VPN Network up and running.	7/7/2020 10:11:12 AM -06:00	Audit Comment	Acknowledged. The cyber attack should be resolved before June 1st	Closed

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Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>The Contractor will release for production the test lab device(s) and equipment within 5 Working Days of receiving device submittal Approval from the Department. Upon receiving the device(s), the Contractor shall have the device(s) set up in the test lab and ready for testing within 10 Working Days. The Department or CTMS Integrator will begin testing within 5 Working Days of the device(s) being remotely accessible. The Contractor shall not install any model of device(s) being tested in the test lab unless the device(s) has been tested and Approved by CDOT ITS or been functional and remotely accessible in the test lab for 6 months prior to installation.</p> <p>Several SMVMS and LUS signs have been installed in the field. Please provide details on how complete installation of the devices will be done in regards to power and controller installation.</p>	Pre Activity meeting held.	7/7/2020 10:12:22 AM -06:00	Audit Comment	The plan and schedule will be discussed in the Electrical task force and followed up with a pre activity prior to installation	Closed
Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>The following device shall be furnished and fully functional,</p>	Was able to VPN into and view both the	7/7/2020 11:51:48 AM -06:00	Audit Comment	sturgeon will schedule a	Closed



						<p>(with exception of integration) for the ITS test lab: 1. (1) VTMS, (1) Full Color DMS (full size), (1) Full Color DMS (smaller size), (1) Amber DMS, (1) SMVMS & (3) LUS. Signs shall be set up for concurrent testing. The three test lab DMS units will be installed in the field as permanent ITS devices, and will not need to remain in the test lab through the project's Final Acceptance. All types of variable message sign to be used on Project (including but not limited to DMS and SMVMS); (1)All CCTV cameras unit per camera model proposed for permanent use on the project; 2. DSRC Radio; and to be set up at test lab location upon the selection of RSU model and deployment plan; 3. Any new device (s) or model(s) not currently in use on CDOT systems. Three LUS signs. Signs shall be set up for concurrent testing.</p> <p>Small VMS and Amber VMS were not powered up and functioning. Signs</p>	VMS signs remotely.			different time to power up and present the VMS and amber VMS
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							were in the warehouse.					
Central 70	C 0704-241	ITS	Electrical	5/27/2020 8:11:14 AM - 06:00	Revision of Section 614 – ITS Test Lab		<p>The Contractor will install and configure all devices in the test lab with the firmware that will be utilized with that device. This test lab shall include all communications and power distribution assemblies, load centers, and cabling necessary to provide a wholly functional system.</p> <p>Was told that Daktronix firmware had been up updated twice since getting the signs and controllers in.</p>	Conformance	5/22/2020 9:59:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	5/28/2021 3:44:38 PM - 06:00	Revision of Section 614 – ITS and CCD Offline Devices *CO-057		<p>ITS Devices: The Contractor shall provide a 72-hour advance notice to CDOT ITS or CCD to coordinate any downtime for ITS devices for a planned outage. Allowable offline periods for ITS field devices shall be a 48-hour period scheduled between Tuesday and Thursday, excluding holidays, unless otherwise Approved by the Engineer. ITS field devices covered under this special provision include, but are not limited to, CDOT and CCD CCTVs, MVRDs, RWISs, , ramp meters, DMSs, (*CO-057), ATRs, and CCD traffic signals.</p> <p>Offline devices forms were not submitted 72 hours prior to the RWIS at Colorado Blvd and the CCTV and DMS at York St being taken offline. The Colorado RWIS was taken offline on 5/20/2021 and the Offline devices form was turned in on 5/21/2021. The York CCTV and DMS were taken offline on 5/21/2021 and the form was submitted on the same day.</p>	ENCR 1220	6/4/2021 2:31:26 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		5.2.4 Review Shop Drawings and Product Submittals		Drawings for the concrete pad being installed under the quadguard II impact attenuators have not been submitted. Several of these have been installed on the project (rough estimate of 5 installed)	Field Resolved	11/12/2020 2:04:43 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	4.2.6 Construction Personnel		Per CQMP Stage 2, The Discipline Superintendent plans, administers, and manages the resources of all operating units within the KIC Team to satisfy the functional and technical requirements of the Project Agreement. The Discipline Superintendent fully understands the QMP, including the CQMP, and will confirm that the KIC Team follows the updated QMP. Concrete placement operations for Pier 2 Shaft 26 resulted in blatant disregard for the quality program in place by the construction field staff. PC and IQC both rejected concrete trucks due to them being expired, and concrete was continued to be placed.	1815 was written	1/2/2020 9:35:36 AM -07:00	NC-2	NCR 1815 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/9/2020 2:19:59 PM - 07:00	5.3.8 Receive and Store Materials		5.3.8.1 of the QMP states that, "Prior to delivery of permanent materials, the person ordering the material must obtain the proper approvals from the IQCM for submittals, identify the required testing, and verify Certificates of Compliance, as the Project Agreement requires." For all HP pipe received and used, the waterstop gaskets used to connect pipes to inlet and manholes have not been submitted through Aconex to the Department.	See NCR 1983	2/19/2020 6:06:33 AM -07:00	NC-2	NCR 1983 was written to address this issue	Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/12/2020 5:04:11 PM - 06:00	IQCP-02 IQC Record Collection		IQC Checklist provided is not in conformance with Item 4 and 5.2.4 of IQCP-02. Proof Roll Operation was conducted on 28 July, however IQC Checklist was not submitted until 31 July. Planning block listed was for 5204 or 5209, which are not the correct planning block number.	See Expedited NCR 313	9/16/2020 7:41:47 AM -06:00	NC-2	This issue is being resolved in ENCR 313.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork	8/12/2020 5:04:11 PM - 06:00	IQCP-04 IQC Hold Points		Proof roll operation was conducted on 28 July, however IQC Checklist was not submitted until 31 July, after paving on subgrade operation had been completed. Due to the lack of records or written turnover notes, it was decided in the field that paving operations were occurring without stopping at the hold point for proof rolling. Only after checklist was submitted was it determined that the hold point had been reached, and a satisfactory inspection was submitted.	Field Resolved	8/3/2020 11:27:20 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Building	Cover	10/15/2020 11:33:59 AM - 06:00	IQCP-07 Material Receiving		We have not received a complete MRR for the Structural Steel for the 1st Floor of the CDOT Building. The steel in question was erect in July (7.22.2020). Please reference the attached MRR that was pulled from Sharepoint.	noted	11/5/2020 11:31:38 AM -07:00	Audit Comment	The attached MRR was accidentally pushed to SharePoint by the subcontractor prior to PC or IQC review. The KieTrac work flow locked and a new MRR was submitted.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		IQCP-07 Material Receiving		The MRR process was followed. The CDOT Building roof structural steel was verified upon delivery with the following documentation. Please see the attached MRR documentation.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	5/12/2020 9:51:17 AM - 06:00	IQCP-07 Material Receiving		Two guardrail terminals (SKT & FLEAT-MT) were received via an MRR but were not on the approved materials list in Aconex and installed in the field. Also material tagging was not performed to delineate the status of the material.	Ncr generated	6/18/2020 7:11:02 AM -06:00	NC-2	ENCR 0136 was written to address these issues	Closed
Central 70	C 0704-241	Pump Station	Cover	11/12/2020 4:28:58 PM - 07:00	IQCP-07 Material Receiving		With discussions with Ed Kowel and Eric Drobney of IQC. The pipe spools that were cast into the pump station wall did not follow the MRR process. The material was never verified once it arrived onsite. This is to start the discussion for the path moving forward. Reference Plan Sheet DLP2-01 and DLP4-02 for more information.	618 written	11/30/2020 3:04:45 PM -07:00	NC-2	ENCR 618 was written to address this issue	Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover	1/14/2021 1:41:29 PM - 07:00	IQCP-07 Material Receiving		An MRR for the generator was in process by the time the generator arrived onsite. The generator needed to be quarantined until the MRR could be completed by the appropriate parties.	MRR was completed. MRR will be referenced in CxAlloy Commissioning for final approval.	3/2/2021 3:19:33 PM -07:00	NC-2	MRR is completed.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	PCP-10 Developing a Punchlist		The above anchor cables issue and a possible height issue were noticed on the initial guardrail punchlist walk but have not been added to the punchlist.	Since KMP will discuss repair procedure prior to implementation, this can be closed.	12/21/2020 9:57:32 AM -07:00	Audit Comment	The guardrail subcontract or is identifying any height issues. Industry standard practice is to raise the guardrail using machinery. To ensure this does not happen in the future the KIC crews and the subcontract or account for the 2" overlay to keep the initial install within tolerance after the overlay. KIC will reach out to Garcia about a repair procedure and discuss it with the department prior to implementation.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	2/1/2020 5:39:15 PM - 07:00	4. MTIP		In the MTIP, under the 206 specification checklist for flow fill, a visual inspection checklist should be completed for flow fill operations. as of 28 Jan, no flow fill checklist was submitted to KieTrac for Flow Fill operations of this pipe abandonment.	See NCR 1982	2/19/2020 6:04:59 AM -07:00	NC-2	NCR 1982 was written to address this issue	Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:58:22 PM - 06:00	4.3 Quality Hold Points		IQC was unaware of the install of the Communications manhole at Columbine. The backfill material with stone was already place before IQC arrived. If I didn't notified IQC of the inspection they would have missed inspection.	Field Resolved	7/27/2020 12:58:52 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Electrical	Cover	9/28/2020 3:16:26 PM - 06:00	4.3 Quality Hold Points		Paul of Electrical IQC was present for the appropriate hold point inspection.	Conformance	9/28/2020 12:10:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	403 HMA-SMA		During paving operation the above jointing issues listed as NCs were brought up the IQC inspector on site. The IQC inspector was aware the jointing plan was not being followed and allowed the operation to proceed. CCD was contacted when the above jointing issues were observed by the Department & agreed with the Department that the joints were not acceptable. After reviewing the checklist the inspector did not include the jointing criteria in his checklist yet several joints were paved.		12/10/2019 8:17:16 AM -07:00	NC-2	NCR 1755 was written to track this issue. In addition the to NCR IQC/PC/CC D and the department met onsite to discuss the paving operation and the concern of the joint layout. See NCR disposition for resolution from the meeting.	Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	601 Structural Concrete		The IQC inspector was not present for testing and placement of the first (out of three) load of concrete.	NCR was issued to address this item.	1/16/2020 8:02:45 AM -07:00	NC-2	NCR 1926 was issued to address this item.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/5/2020 8:40:25 AM - 07:00	603-604-605 Culverts and Sewers		IQC took picture of pipe penetration with blocks, however did not identify that work was nonconforming.	Stand down and training was done.	3/31/2020 4:44:24 PM -06:00	Audit Comment	In addition to PC operations training IQC inspection staff was also trained on proper inspection at hold points.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	5/12/2020 9:51:17 AM - 06:00	606 Guardrail		Due to the multitude of issues found by the Department at this location the Department has concerns with the checklist for guardrail installation being adequate. Attached is the IQC checklist.	Since issuing this comment further issues were identified and additional corrective actions have occurred via another process. Progress will be tracked through that process.	1/5/2021 7:54:38 AM -07:00	Audit Comment	IQC has updated and will continue to monitor the effectiveness of the checklist for guardrail installations.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/27/2020 4:15:55 PM - 06:00	STO-TRAFFIC SWITCH		A safe to open was not performed for this switch as a result the above items were missed.	Process was followed with 5 Whys meeting	10/9/2020 7:50:23 AM -06:00	NC-2	There was miscommunication between IQC and the field. % whys was held on 8/26. Safe to open and close training will be held on 8/28.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/21/2020 4:51:56 PM - 06:00	STO-TRAFFIC SWITCH		Item 1.8 of the STO Checklist states that temp signals and signs were installed per drawings. These drawings do not exist.	ENCR-0287	6/26/2021 12:58:23 PM -06:00	NC-2		Closed



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Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/21/2020 4:51:30 PM - 06:00	STO-TRAFFIC SWITCH		<p>Item 1.2 of the STO checklist states that all signage was available.</p> <p>CVI_Roadway_HMA_HTran_425 shows that on 13 July, when traffic was switched, multiple signs were not present.</p> <p>Item 1.3 states that all striping was completed and conflicting striping was removed.</p> <p>CVI_Roadway_HMA_HTran_425 shows that on 13 July, when traffic was switched, striping was tacked, not removed, and no new striping was present. No documentation on the STO checklist shows that IQCM approved this change prior to opening to traffic.</p> <p>Item 1.6 states that all signs were present for switch.</p> <p>CVI_Roadway_HMA_HTran_425 shows that when traffic was switched, signs were not present for switch.</p> <p>Item 1.8 states that signal signs and signal heads were installed per drawings.</p> <p>CVI_Roadway_HMA_HTran_425 shows that overhead signage at Holly were not installed per drawings.</p>	See Expedited NCR 277	9/3/2020 7:51:33 AM -06:00	NC-2	Permanent signs were not installed when MOT temp signs were still in place until permanent sign were set in place. 5 whys was conducted on 7/20.	Closed
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/9/2020 4:49:02 PM - 06:00	STO-TRAFFIC SWITCH		STO Checklist completed for this switch did not include the applicable sheet for the signage on over head signals, which were installed and operational.	Per the dispute meeting the STO checklist has been updated to cover signal mounted signs.	9/22/2020 8:43:31 AM -06:00	Audit Comment	MOT has never inspected overhead signs nor any other disciplines work. We have since added this to STO but cannot place OH signage. All MOT can do is observe and report. Sturgeon must be on site for STO's.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/2/2019 7:11:39 AM - 07:00	STO-TRAFFIC SWITCH		No Safe to Open checklist has been found on KieTrac as of 10:25AM 26 November.	See NCR 1765	12/20/2019 8:13:29 AM -07:00	NC-2	NCR-1765 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 11:47:08 AM - 07:00	STO-TRAFFIC SWITCH		IQC item 1.2 says that changes from contract drawings were checked, however does not detail what changes were made. Item 1.3 says that lane was swept prior to striping and opening, this did not happen.	See NCR 1946	2/3/2020 10:41:42 AM -07:00	NC-2	NCR-1946 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		STO-TRAFFIC SWITCH		The department identified that the guardrail was not inspected during the STO although guardrail was opened to traffic. The STO attached shows NA for all questions guardrail related as a result this was discussed with the MOT production and IQC teams they are discussing with the night teams to ensure this is checked moving forward.	Field Resolved	12/10/2020 2:06:55 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	12/11/2020 1:31:10 PM - 07:00	STO-TRAFFIC SWITCH		The Safe to Open notes not issue with the striping although markings from the prior phase were not removed or stripe was not placed where it is required for the current phase.	NCR written	5/17/2021 9:18:45 AM -06:00	Audit Comment	The crew was running late and field decision was made a 5 why's was performed. The area was remediated the next shift. ENCR - 522 was written to address	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/11/2020 1:31:43 PM - 07:00	STO-TRAFFIC SWITCH		The Safe to Open checklist for opening to the temp configuration failed to check that the signal heads were properly aligned to allow for proper stopping distance. Attached is a photo of the signal head alignment. Please note the signals are red in the photo and only the left side of pole is barely visible all others are blocked by the shield.	it was written	2/8/2021 2:11:21 PM -07:00	NC-2	ENCR - 652 was written to address this issue	Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		Removal was performed in a safe manner.	Conformance	1/18/2021 8:53:34 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		Substructure was taken to at least 1 ft below natural ground.	Conformance	1/18/2021 8:53:34 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		Removal of structure was done to at least 1 foot below natural ground line.	Conformance	6/24/2020 8:18:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Holes from substructure removal have been filled with Structure Backfill (Class 2) to the existing grade.		All holes were filled with class 2 back to existing grade.	Conformance	6/24/2020 8:18:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		Traffic control was installed in the proper way and per plan. Emergency response agencies were notified in advance of work this weekend for partial demolition of I70 Bridge over Brighton Blvd.	Conformance	3/11/2020 9:48:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		All required traffic control was in place.	Conformance	1/18/2021 8:53:34 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		Prior to opening, all debris was removed from roadway.	Conformance	1/18/2021 8:53:34 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Prior to reopening the roadway to public traffic, all debris, protective pads, materials, and devices have been removed and the roadways swept clean. All existing structures, facilities, and surrounding roadway are free from damage or have been repaired immediately at the Contractor's expense.		Prior to reopening of roadway, area was cleaned of all debris and adequately swept.	Conformance	3/11/2020 9:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		For partial or phased removal the remaining structure does not impose a public hazard or compromise adjacent property.		For partial removal of structure, the remaining portions do not pose a hazard to traveling public or any adjacent property.	Conformance	3/11/2020 9:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		For partial or phased removal the remaining structure does not impose a public hazard or compromise adjacent property.		Partial removal of structure did not impose hazard. LCCO Engineer inspected structure post demolition.	Conformance	6/24/2020 8:18:54 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Details of the removal operations were submitted by the Contractor to the Engineer 10 days before beginning bridge removal. These details show the methods, sequence of removal, and equipment to be used.		Details of the removal operation were submitted by the Contractor to the Engineer more than 10 days before beginning the bridge removal.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		All methods and equipment used to accomplish this work have been approved by the Contractor Engineer		All methods and equipment used to accomplish the removal have been approved by the Contractor Engineer.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Saw cutting was performed with a vertical face to the depth of the reinforcing steel.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Sawcutting was performed where required for partial removal of structure.	Conformance	3/11/2020 9:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Where such portions of existing structures lie wholly or in part within the limits of a new structure, they shall be removed as necessary to accommodate the construction of the proposed structure.		The portion of the overhang that would interfere with the phase 1 construction was removed.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Existing concrete is being removed according to the following: -as shown on the plans -as directed by the Engineer -in the event additional removal of unsound concrete is required it has been included in the work		Existing concrete was removed as shown on the plans.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		The removal of the overhang is being performed in a safe manner.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The removal of the existing bridge is being performed in a safe manner.		Removal was performed in a safe manner.	Conformance	3/11/2020 9:48:29 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structure Removal	Removal		Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		The remaining sign foundation was taken down at least 1' below the future grade at the location.	Conformance	1/9/2020 12:44:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structure Removal	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		The median sign was removed using inside lane closures.	Conformance	1/9/2020 12:44:57 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		All required traffic control is in place prior to beginning removal of structures, is in compliance with the applicable standards, and when detours are needed all emergency response agencies have been notified in advance of work.		All traffic control was in place prior to the beginning of the overhang removal.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		For partial or phased removal the remaining structure does not impose a public hazard or compromise adjacent property.		The partial/phased removal does not impose a public hazard or compromise adjacent property.	Conformance	2/13/2020 2:53:14 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	All sedimentation and debris has been removed from the culvert and apputenant structures.		Please provide documentation that this was completed prior to the drainage run being connected to flow.	Documentation provided.	11/30/2020 3:05:37 PM -07:00	Audit Comment	We can't attach documentation to audit comments. KIC will get with Adam Mercer about documentation delivery.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	9/2/2020 3:17:28 PM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		The white edge line from the previous MOT phase was not removed during the traffic switch. The stripe conflicts with the current phase and directs vehicles into the work area/traffic control devices. During the MOT Task Force the team committed to removing the stripe on the night of 9/1/20. The stripe was not removed on that night as a result it has been escalated to an NC.	Stripe was eventually removed and NC was created.	6/3/2021 9:21:39 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Conflicting marking from TCR-71 was tacked over due to an equipment malfunction. This was communicated to the department, and as long as it is removed within allowable timeframes and documented correctly in STO Checklist, this comment can be closed.	Striping removed within comment timeframe	9/3/2020 7:46:55 AM -06:00	Audit Comment	Striping was removed the following night. STO was not updated at that time. This will also be addressed in our STO training.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/27/2020 7:28:03 AM - 07:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Temporary pavement markings were not removed prior to switching traffic to the left lane along EB 46th from Steele to Madison.	Snake was removed prior to 3 days so striping was not removed.	1/28/2020 10:39:50 AM -07:00	Audit Comment		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/8/2020 7:52:04 PM - 07:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Conflicting markings were not removed or temporarily covered prior to opening to traffic.	See NCR 1909	1/30/2020 5:43:01 AM -07:00	NC-2	NCR 1909 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:30 AM - 07:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Email from The EOR called for the skips to be removed in the tapers of the lane closure. Skips were not removed per EOR email.	Skips removed	2/3/2020 8:19:39 AM -07:00	Audit Comment	Skips were removed the following day. Per the MUTCD 3 days are allowed before conflicting striping needs to be removed.	Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	1/28/2021 1:33:56 PM - 07:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		Previous phase striping was not removed prior to switch. Black paint/tack was used to cover markings temporarily.	See ENCR 774	2/10/2021 7:30:28 AM -07:00	NC-2	ENCR 774 was written to address this issue.	Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	12/11/2020 1:31:10 PM - 07:00	Pavement markings (or Temporary Marking Tape) which would be conflicting are removed prior to any change in traffic being performed.		On SB Quebec permanent markings were not removed on SB Quebec in the right lane and on the new free right movement. A line extends across the travel lane, a partial I-70 shield marking was left on the pavement, and on the right side the old intersection striping was still in place.	NCR written	5/17/2021 9:18:50 AM -06:00	Audit Comment	The crew was running late and field decision was made a 5 why's was performed. The area was remediated the next shift. ENCR - 522 was written to address	Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		The HMA Mix Design has been approved and signed prior to commencing planning.		Contractor has approved mix.	Conformance	1/18/2021 9:00:29 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The HMA Mix Design has been approved and signed prior to commencing planning.		All mix designs used were approved prior to paving.	Conformance	7/28/2021 4:27:44 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		The contractors Planing Plan been submitted and approved.		Plan approved.	Conformance	1/18/2021 9:00:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The contractors Planing Plan been submitted and approved.		Plan was approved.	Conformanc e	2/5/2021 10:06:35 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The planner is in good condition providing a uniform, straight, & true surface (ie. no missing, broken, or worn teeth) picking up the removed material in a single operation (windrows not allowed).		Equipment was in good condition.	Conformanc e	2/5/2021 10:06:35 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The planner is in good condition providing a uniform, straight, & true surface (ie. no missing, broken, or worn teeth) picking up the removed material in a single operation (windrows not allowed).		Planner is in good condition.	Conformanc e	1/18/2021 9:00:29 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The planner is in good condition providing a uniform, straight, & true surface (ie. no missing, broken, or worn teeth) picking up the removed material in a single operation (windrows not allowed).		Planer removed asphalt leaving a uniform and straight surface.	Conformanc e	7/28/2021 4:27:44 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Pickup brooms are used to pick up remaining material on the roadway and the roadway is adequately cleaned and left in a safe useable condition and the end of each day. If not being adequately cleaned the operation has ceased (If true note on the conformance.).		Areas planed in travel lanes were safe and clean prior to traffic reopening.	Conformanc e	7/28/2021 4:27:44 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Pickup brooms are used to pick up remaining material on the roadway and the roadway is adequately cleaned and left in a safe useable condition and the end of each day. If not being adequately cleaned the operation has ceased (If true note on the conformance.).		Sweeper was adequate.	Conformanc e	2/5/2021 10:06:35 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Pickup brooms are used to pick up remaining material on the roadway and the roadway is adequately cleaned and left in a safe useable condition and the end of each day. If not being adequately cleaned the operation has ceased (If true note on the conformance.).		Debris adequately removed.	Conformanc e	1/18/2021 9:00:29 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The end of each days operation is free from vertical edges and are tapered at: Longitudinal - 3:1 or greater, or Transverse - 50:1 or greater.		Concrete barrier used.	Conformanc e	1/18/2021 9:00:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		The end of each days operation is free from vertical edges and are tapered at: Longitudinal - 3:1 or greater, or Transverse - 50:1 or greater.		Operation was behind barrier.	Conformanc e	2/5/2021 10:06:35 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Planing has been completed parallel to the travel lanes and full width of the roadway prior to commencement of paving.		Planning was parallel to travel lane.	Conformanc e	2/5/2021 10:06:35 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		Planing has been completed parallel to the travel lanes and full width of the roadway prior to commencement of paving.		Yes.	Conformanc e	1/18/2021 9:00:29 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Planing has been completed parallel to the travel lanes and full width of the roadway prior to commencement of paving.		Where necessary, removals were parallel to travel lanes, and completed prior to final surface paving.	Conformanc e	7/28/2021 4:27:44 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Piles are not in conflict with any utilities.		Sturgeon had to remove a temporary signals pole as it was in conflict with the abutment piling, but did so and switched to the permanent signals.	Conformanc e	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Piles are not in conflict with any utilities.		The piles are not in conflict with any utilities.	Conformanc e	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Piles are not in conflict with any utilities.		No utilities in area	Conformanc e	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Survey was provided	Conformanc e	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		I checked the stakes, which have the correct information on them.	Conformanc e	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Survey correctly staked the pile locations.	Conformanc e	1/16/2020 1:30:22 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		Pile locations were properly staked with the correct information.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile locations are properly staked (i.e. Correct flange orientation, skew, batter, driving depth, etc.)?		I checked the stakes and the two piles in the ground and the orientation and stake information appeared to be correct.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving the piling.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavations were completed prior to install.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed prior to driving piling.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed before the start of driving piles.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed before driving piling.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been completed prior to driving pile?		Excavation was completed	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Tips attached	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips are required on the plans and were attached according to the plans.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached before beginning pile driving.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile tips have been attached according to the plans when required.		Pile tips were attached according to the plans.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Has IQC approved the piling & if used bitumen and primer materials through the MMR process & it matches the MMR?		IQC approved materials.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile Driving Analyzer test has been run on two piles and these two piles were at different elements of the bridge (i.e. Abutment, pier, etc)		I observed the Ground technician perform this PDA and observed a previous one on the other abutment on a previous phase.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling being installed matches those shown on the plans in size, type and tips installed.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those on the plans in size, type and tips installed.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piling used matched the size, type and tips installed according to the plans.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		The piles match those on the plans in size, type, and tips.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The piles match those shown on the plans (size, type, and tips installed if required).		Per plan.	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment was submitted and approved by IQC.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Pile driving equipment has been submitted and approved by IQC.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		The pile driving equipment has been submitted and approved by IQC.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Pile driving equipment has been submitted and approved by IQC.		Equipment was approved.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		Equipment was verified and was acceptable.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The field equipment matches the approved equipment and is in good working order.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment used in the field matches the approved equipment and is in good working order.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The equipment in the field matches the approved equipment and is in good working order.		The equipment in the field matches the approved equipment and is in good working order.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom. The leads are long enough to be securely fixed at the ground at all times.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Driving leads are adequate to prevent horizontal movement. (Swinging leads have a pile gate fitted at the bottom and leads are long enough to be securely fixed at the ground at all times.		Driving leads are adequate to prevent horizontal movement and have a pile gate fitted at the bottom of the leads. The leads are long enough to be securely fixed at the ground at all times.	Conformance	2/5/2021 10:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the piling and the hammer.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer and the piling.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The hammer cushion is suitable to prevent damage to the hammer or pile.		The hammer cushion is suitable to prevent damage to the hammer and pile.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is made of a suitable material.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope, or asbestos cushion material.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Hammer cushion is not made of wood, wire rope, or asbestos cushion material.		The hammer cushion is not made of wood, wire rope or asbestos material.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to minimum specified tip elevation.		Piles were driven to the minimum tip elevation.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		The piles were driven to refusal in natural ground.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Driven to refusal at Approximately 102'	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal in natural ground.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles were driven to refusal in natural ground at or below the estimated minimum tip elevations.		Piles were driven to refusal.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During driving the pile was monitored for sudden changes between blows for abnormal activity and the engineer of record was contacted if any occurred. (I.e. Sudden loss of pile confirming subsurface voids)		Pile driving was monitored by IQC.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		During driving the pile was monitored for sudden changes between blows for abnormal activity and the engineer of record was contacted if any occurred. (I.e. Sudden loss of pile confirming subsurface voids)		No sudden changes	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles have been installed with a 1/4" or less per foot from vertical or from batter on the plans & within 6" of Plan position for foundation piles post driving.		Piles were installed with a 1/4" or less per foot from vertical and within 6" of plan position.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Piles have been installed with a 1/4" or less per foot from vertical or from batter on the plans & within 6" of Plan position for foundation piles post driving.		Piles were installed with a 1/4" or less per foot from vertical and within 6" of plan position.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		All commercial splices are from the approved products list and are approved by the Engineer.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		Commercial splices are from the APL and approved by the Engineer.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		The commercial splices used are from the APL and are approved by the Engineer.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All commercial splices have been approved by the Engineer.		Splices were approved by engineer.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		Welders were certified.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and were approved prior to starting welding.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to starting welding.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		All welders are qualified and have been approved prior to the start of welding.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welders are qualified and have been approved prior to starting welding.		Lawrence welders were certified. IQC CWI on site	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		IQC CWI also was on site	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI has inspected all stages of the welded splice.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI inspected all stages of the welded splice.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI inspected all stages of the welded splice.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		The IQC CWI has inspected all stages of the welded splice.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The PC CWI has inspected all stages of the welded splice.		PC inspection during pile placement was acceptable.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		CWI performed inspections.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector (Gene Johnson) is a qualified CWI.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		PC inspector is a qualified CWI.		The IQC inspector is a qualified CWI.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles were used.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		Full length piles were used.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Full length piles have been used unless otherwise approved.		50' pile were used	Conformance	9/16/2020 11:08:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welders were made using a pre-qualified joint design and a WPS has been submitted by the contractor.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds were made using a prequalified joint design and a WPS was submitted by the contractor prior to welding.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		All welds are made using a prequalified joint design and a WPS has been submitted by the contractor.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All welds are made by using a prequalified joint design and a Welding Procedure Specification has been submitted by the contractor.		Welding procedures appeared acceptable.	Conformance	3/5/2021 7:07:36 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		All cuts have been made normal to the longitudinal axis of the pile.		All cuts were made normal to the longitudinal axis of the piles.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	1/16/2020 1:30:22 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	2/27/2020 6:44:32 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		Welded splices were performed with low hydrogen electrodes.	Conformance	4/30/2020 2:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Welded splices are performed with low hydrogen electrodes.		The contractor was using low hydrogen electrodes for the welded splices.	Conformance	2/5/2021 10:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site supervisors and drill rig operators.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the on-site supervisors & drill rig operators.		IQC has reviewed and approved the on-site supervisors and drill rig operators.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC and UPRR has reviewed and approved the drilled shaft installation plan.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		IQC and UPRR have reviewed and approved the Drilled Shaft Installation Plan.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	IQCM has reviewed and approved the Drilled Shaft Installation Plan.		The drilled shaft installation plan was approved by IQC on Friday, May 8th. We received it the morning of the start of the operation.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The processes in the plan were followed throughout my observation.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The equipment and details in the approved drilled shaft plan were followed, however, the quality processes for placement of concrete and unapproved variance requests regarding timing of concrete placement were not followed. IQC addressing with NCR relating to quality issues.	NCR written	1/2/2020 9:32:34 AM -07:00	Audit Comment	PC and IQC wrote an NCR see below	Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		The overall equipment, process, and details in the approved drilled shaft plan was followed and implemented in conformance.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Polymer slurry utilized for drilled shaft operations. Polymer slurry to be used was reviewed and approved by IQC and UPRR. Submittal included names of contractor personnel trained by manufacturer's representative in the proper use and testing of slurry.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	If slurry is being used the following has been submitted and approved by IQC: 1. The slurry manufacturer's technical representative assigned to the project. 2. The names of the Contractor's personnel assigned to the project and trained by the slurry manufacturer's technical representative in the proper use of the slurry.		Polymer slurry utilized for drilled shaft operations. Polymer slurry to be used was reviewed and approved by IQC and UPRR. Submittal included names of contractor personnel trained by manufacturer's representative in the proper use and testing of slurry.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		IQC Quality control staff prepared a Form 1333, documenting shaft construction of Pier 2 Shaft 26.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The Contractor's Quality Control staff shall prepare inspection logs using CDOT Form 1333 – Inspector's Report of Caisson Installation documenting each shaft construction activity. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed by the Contractor at drilled shaft foundation locations.		IQC performed inspection and prepared CDOT Form 1333 Inspection for Drilled Shaft #36 at Pier #3.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	In addition to the information required on the Form 1333, the Contractor shall provide the following information: type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of drilling fluid if used, the results of slurry tests, any problems encountered, and method used for bottom cleaning.		The following information was provided on the Form 1333: type of equipment used type of slurry being used to include the results of slurry tests, and method of inspection for bottom cleanliness.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	In addition to the information required on the Form 1333, concrete placement records shall include at least the following information: tremie tip elevation during concrete placement, and concrete yield curve (volume versus concrete elevation, actual and theoretical).		Concrete placement records are unable to be located for Pier 2 Shaft 26. Information to be included are tremie tip during placement operations, and concrete yield curve (volume versus concrete elevation).	Logs were located in sharepoint.	1/2/2020 9:36:14 AM -07:00	Audit Comment	acknowledged. The IQC and PC volume logs were under review and should now be available via KieTrac and or SharePoint	Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		KFC controlled their operation within the tight working area between the shoofly's, and protected recently drilled holes.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Drilled shaft C60 was right next to the East of Josephine Abutment 3. Casing was used to ensure no damage would occur next to the adjacent structure. Please see the attached pictures.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		The contractor used a slurry to protect the integrity of the shaft, and used appropriate equipment and operation methods to prevent damage to existing structures	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Contractor prevented damage.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The location for the drilled shaft have been adequately staked with the correct information.		The location for the drilled shaft was properly staked with the correct information.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The location for the drilled shaft have been adequately staked with the correct information.		I checked the survey stakes and they had the correct information on them.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The location for the drilled shaft have been adequately staked with the correct information.		The locations of drilled shafts C60 and C63 were staked appropriately. NDC-304 addresses the new locations for the drilled shaft West of the Cover West Bookend to accommodate the bulk head wall transition between wall cap and the Cover Abutment 3. The meeting to discuss the shafts that moved was held on Monday, March 30th.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	The location for the drilled shaft have been adequately staked with the correct information.		All of the drilled shafts that were installed during my observation had the appropriate staking. The 3 shafts outside the building foot print on the south side were observed.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The location for the drilled shaft have been adequately staked with the correct information.		I checked the survey stakes and there were a sufficient number of them and the information on them was correct.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The location for the drilled shaft have been adequately staked with the correct information.		Location for Pier 3 Shaft 36 was adequately staked for layout. 12' Shoring Casing was installed prior to 7' Casing for drilled shaft.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The location for the drilled shaft have been adequately staked with the correct information.		The location for the drilled shaft is adequately staked with the correct information.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The location for the drilled shaft have been adequately staked with the correct information.		Location for Pier 2 Shaft 26 was adequately staked for layout. 12' Shoring Casing was installed prior to 7' Casing for drilled shaft.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The location for the drilled shaft have been adequately staked with the correct information.		survey marks were witnessed in the field.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Stakes and hubs were provided for verification of shaft location, please see pictures attached.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		The shaft location has been check for potential underground utility conflicts.		Prior to drilling shaft area was located and potholed.	Conformanc e	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		The shaft location has been check for potential underground utility conflicts.		shaft location was clear of any utilities.	Conformanc e	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The shaft location has been check for potential underground utility conflicts.		Shaft location was checked prior to installation of shoring/ casing for any potential underground utilities.	Conformanc e	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	UPRR Structures		The shaft location has been check for potential underground utility conflicts.		Shaft location was checked prior to installation of shoring/ casing for any potential underground utilities.	Conformanc e	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		The shaft location has been check for potential underground utility conflicts.		The shaft location was checked for utility conflicts prior to excavation and the contractor obtained a dig permit.	Conformanc e	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	The shaft location has been check for potential underground utility conflicts.		There were no underground utilities present in this area. This was also verified when the survey stakes were placed for the shaft locations.	Conformanc e	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The shaft location has been check for potential underground utility conflicts.		The shaft locations were checked for potential underground utility conflicts.	Conformanc e	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The shaft location has been check for potential underground utility conflicts.		The shaft location was checked for potential underground utility conflicts.	Conformanc e	2/5/2021 3:19:00 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Conflict locations have been verified by contractor.	Conformanc e	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation was completed.	Conformanc e	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		over soil cement mixing commenced, the ground was worked to grade for top of the drill shaft.	Conformanc e	11/2/2020 12:27:57 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	UPRR Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		12' Shoring Casing was installed and completed to top of drilled shaft elevation prior to shaft operations began.	Conformanc e	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		12' Shoring Casing was installed and completed to top of drilled shaft elevation prior to shaft operations began.	Conformanc e	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundatio ns	Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation was completed.	Conformanc e	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Grade complete	Conformanc e	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		The depth of the hole was verified by a weighted tape, we verified this multiple times through the process. was also verified with the inspection report and CDOT form 1333.	Conformanc e	6/9/2020 9:00:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		During my observation the drilling was smooth and continuous.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted in a continuous manner until complete.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		It was a continuous operation	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		the only pauses in the excavation of each drill shaft was when they incased the top 10' of each shaft with concrete.	Conformance	9/30/2020 10:16:54 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Shaft excavation and pour occurred over the span of one working day.	Conformance	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling from bottom of casing installed to tip of shaft was conducted in a continuous operation.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Drilling from bottom of casing installed to tip of shaft was conducted in a continuous operation. This particular shaft (#36) had to be re-drilled on 1/18/2020 to remove concrete that had caused the cage to lift the day before during placement operations. Concrete was removed and was re-drilled to just below planned tip elevation. The 72 hour timeframe was not surpassed.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Once the drilled shafts were started the operation was smooth and continuous during my observation.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The excavation was smooth and continuous.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was completed in one continuous operation until complete.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The drilled shaft was started on Tuesday, March 17th and was completed on Thursday, March 26th. The crew did not have the appropriate drilling head on the first day to drill through the rock that is present. The drilled shaft was left to complete at the later date above.	Flowfill was used to stabilize the drilled shaft	4/15/2020 9:22:09 AM -06:00	Audit Comment	The drilled shaft was flow filled to protect and stabilize the hole until proper tooling could be brought in.	Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		once the drill shaft was started the excavation process didn't end until it was at the called tip depth.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		the drilling of the shaft was continuous until final depth was reached.	Conformance	11/2/2020 12:27:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		The excavation for both shafts installed were conducted in a continuous operation until complete.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was a continuous operation.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Operation was continuous and there were no interruptions.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted continuously until complete. The next day, any materials or obstructions that settled at the bottom overnight were removed.	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted in a continuous operation.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Excavation was completed prior to shift ending.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Shaft was drilled (32B) and protected overnight; the rebar cage was set and the caisson poured the next day.	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Operation was completed by end of shift.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Concrete was placed prior to shift ending.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		The excavation was conducted over two days so the contractor protected the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		The shaft was filled with flowfill once the drilling operation was stopped. The drilled shaft was left to complete on the date in Comment #1.	Adequate	4/15/2020 9:22:16 AM -06:00	Audit Comment	Flow fill was used to stabilize the excavation.	Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		When stoppages occurred during drilled shaft operations, the shaft was protected through the use of casing and polymer slurry for up to 72 hours. The 72 hour timeframe was not exceeded and concrete was placed.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		When stoppages occurred during drilled shaft operations, the shaft was protected through the use of casing and polymer slurry for up to 72 hours.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Polymer slurry test results conformed to the required tolerances for viscosity, density, pH, and sand content percentage.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		The applicable specifications for polymer slurry are being followed.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Slurry was used to maintain the drilled shaft during the drilling of the shaft and concrete placement.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Applicable specifications were followed for polymer slurry.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry was collected as concrete was placed.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water displaced during final cleanout is being adequately protected from entering any railroad area.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water during final cleaning and concrete placement was properly displaced. See evidence from Requirement 47.	Noted	1/2/2020 9:33:03 AM -07:00	Audit Comment	Perfect.	Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All material was collected	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		as the concrete was poured the slurry was pumped out into a holding tank.	Conformance	9/30/2020 10:16:54 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was collected.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during the final cleaning and concrete placement was pumped off and into a tank truck.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was vacuumed into a tanker truck for disposal.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry was collected.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water was removed and pumped to a storage tank.	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry and water was collected and treated.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Slurry was vacuumed out of shaft as required.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Minimum level of polymer slurry was maintained within the excavation.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		Minimum level of polymer slurry was maintained within the excavation.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	If slurry is present in the shaft excavation, the Contractor shall conform to the requirements of subsection 503.13 (b).5 of this Specification regarding the maintenance of the minimum level of drilling slurry throughout the stoppage of the shaft excavation operation, and shall recondition the slurry to the required slurry properties in accordance with Sections 503.09, 503.10 and 503.11 of this Specification prior to recommencing shaft excavation operations.		The minimum level of slurry was maintained through the entire drilling and placement operation.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		dry shaft construction method was being used and small amount of water in the bottom of the shaft was observed. it was observed that no sloughing or swelling occurred in the shaft before concrete placement.	Conformance	11/2/2020 12:27:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been protected to prevent material or persons from falling into the hole.		red metal cages where placed around the hole after 5' of depth had been reach to prevent people or materials from falling into the hole.	Conformance	11/2/2020 12:27:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Excavation has been protected to prevent material or persons from falling into the hole.		The excavation was protected by a rail and was covered overnight.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Excavation has been protected to prevent material or persons from falling into the hole.		The excavations were protected when the contractor was not working in them.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		The excavation was protected with a steel cover	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		The drilled shaft edges were left open. The crew was using inflatable life jackets. Please reference the attached pictures in Comment #1	The hole was roped off after the drilled shaft was abandoned until it could be completed at a later date. Still no tie off was present for the crew members completing the work.	4/15/2020 9:25:27 AM -06:00	Audit Comment	It is my understanding that the hole was roped off to protect the leading edge when work was not performed within the 6 foot leading edge of the shaft.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been protected to prevent material or persons from falling into the hole.		The work caisson was installed with enough out of the ground to prevent anyone from falling in the hole.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	Excavation has been protected to prevent material or persons from falling into the hole.		The casing was left 3.5ft out of the ground to ensure one would fall in.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been protected to prevent material or any persons from falling into the shoring/ drilled shaft casing.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Excavation has been protected to prevent material or persons from falling into the hole.		Excavation has been protected to prevent material or any persons from falling into the shoring/ drilled shaft casing.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Excavation has been protected to prevent material or persons from falling into the hole.		The excavation had a 360 degree railing around it to prevent materials or persons from falling into the hole.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		typically they have been leaving the casing at 4 feet above grade, but then instead they used a fall arrest system that was attached to the crew members body harness.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Excavation has been protected to prevent material or persons from falling into the hole.		steel plates were placed on top of the drill shafts to prevent any material or persons from falling into the shaft.	Conformance	9/30/2020 10:16:54 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Verified IQC paperwork and inspections. Full temporary casing was used. Level was used to verify plumbness of casing.	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		a plum bob was used frequently during the drilling of the shaft. the diameter of the shaft was measured at 42". IQC was there during the time of the drilling and they verified that bedrock had been reached and then continued down 11' to hit planned depth.	Conformance	9/30/2020 10:16:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		this was performed by IQC.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Diameter and depth checked upon completion of shaft excavation	Conformance	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		yes, please reference the form 1333 and the attached documents. in comment #2	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and drilled with the correct diameter. The excavated material was compared with the geological borings taken to ensure adequate bearing material was reached with proper embedment.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb and drilled with the correct diameter. The excavated material was compared with the geological borings taken to ensure adequate bearing material was reached with proper embedment.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The shaft was drilled plum and was the appropriate diameter for the caisson.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Diameter appears correct	Conformance	6/10/2020 5:13:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The drilled shaft is plumb and the diameter is correct according to the plans. The inspector observing the excavation is certified to call rock.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The drilled shaft was measured to be the correct depth and diameter.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The shafts are plumb, have the correct diameter and the excavated material was compared with the borings. A representative from Shannon & Wilson called rock.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		while present IQC checked the diameter of the shaft and if it was plum. once the drilling was close to theoretical bedrock IQC inspected the material to see where bedrock actual depth was.	Conformance	11/2/2020 12:27:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The shaft was drilled to the proper elevation and the minimum embedment obtained.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The shaft was drilled to the proper elevation and minimum embedment was obtained and documented.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Minimum embedment was verified by IQC.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Minimum embedment was verified by IQC.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		IQC was onsite to verify the depth of the shaft once it was completely drilled on Thursday, March 26th.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The shaft was drilled to the proper elevation and minimum embedment was obtained and documented.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The depths for the drilled shafts that were observed were in accordance with Cover Architecture Plan Sheet S101.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft 36 at Pier 3 was drilled to proper elevation, and minimum embedment was obtained and documented to ensure proper embedment depth into bearing material.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft 26 at Pier 2 was drilled to proper elevation, and minimum embedment was obtained and documented to ensure proper embedment depth into bearing material.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		It was observed that a weighted tape was used periodically while drilling the hole until the final depth was reached.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		The shaft was drilled to the proper elevation.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Verified IQC paperwork and inspections. IQC wrote an NCR on that the cages sank and concrete was finished low. Process worked. Shaft was overdrilled to prevent having to cut cage length down.	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		there were problems with the concrete pump and they had to leave a drill shaft open over night, but the slurry protected the shaft of any sidewall instability. the next day the crew verified that the shaft was still in a condition to be poured and they proceeded with the concrete pour.	Conformance	9/30/2020 10:16:54 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation was left open overnight, however polymer slurry was used to protect against sidewall instability. The use of polymer slurry was approved for up to 72 hours. This timeframe was closely monitored.	Noted	1/2/2020 9:33:22 AM -07:00	Audit Comment	The timeline of open sockets is closely monitored by both PC and IQC. In the event the shaft cannot be placed over reaming will be performed prior to placement.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft excavation left open overnight is cased and protected against sidewall instability through the use of polymer slurry. The 72 hour timeframe for the use of polymer slurry is closely monitored by production and IQC teams.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The shaft was filled with flowfill to eliminate the side instability until it was finish at the later date in Comment #1.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Shaft was not left open.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		the drill shaft was excavated and poured in the same day.	Conformance	11/2/2020 12:27:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		the shaft side walls were protected by slurry.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		The casing appeared to be watertight and was clean prior to placement in the excavation.	Conformance	12/21/2020 9:23:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		The casing was watertight and clean prior to placement in the excavation.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing was acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing was acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing used for drilled shaft operation is watertight and clean prior to placement in the excavation area.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing used for drilled shaft operation is watertight and clean prior to placement in the excavation area.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing used was CMP as allowed through RFC request.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	If permanent casing is called out on the plans the installed casing is of the same diameter and satisfies the called out minimum thickness.		Non-structural (temporary stay-in-place) casing is called out within the approved drilled shaft installation plan, and satisfies the proper casing diameter per plan and minimum thickness needed.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If permanent casing is called out on the plans the installed casing is of the same diameter and satisfies the called out minimum thickness.		Non-structural (temporary stay-in-place) casing is called out within the approved drilled shaft installation plan, and satisfies the proper casing diameter per plan and minimum thickness needed.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing is smooth wall steel.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing is smooth wall steel.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		All of the casing that was used was smooth wall.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing is smooth walled	Conformance	6/10/2020 5:13:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		All casing was smooth walled.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		RFC requested allowed use of CMP.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing was acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing was acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Temporary casing was acceptable.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The temporary casing is smooth wall structural steel.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The casing is smooth wall structural steel.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The casing is smooth wall structural steel.	Conformance	12/21/2020 9:23:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		The temporary casing is capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.	Conformance	12/21/2020 9:23:29 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing was acceptable.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing was removed without damage.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		The casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.	Conformance	12/21/2020 9:23:29 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Casing is of ample strength to prevent any damage or deformation from transportation or installation, and all other forces acting on the casing.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		Casing is of ample strength to prevent any damage or deformation from transportation or installation, and all other forces acting on the casing.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		The casing for each drilled caisson was removed once the shaft concrete was complete.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing was completely removed.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing was acceptable and removed in acceptable manner.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Casing was removed.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Steel casing was oiled prior to concrete placement.		Casing appeared to be oiled prior to placement.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		Prior to concrete placement, the CSL tubes were filled with water/antifreeze and the watertight caps installed.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		The CSL tubes were filled with water and antifreeze and watertight caps were installed.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		CSL tubes have been filled with water prior to concrete placement.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		Prior to concrete placement, all 7 CSL tubes were filled with water and caps have been installed.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		The base of Pier 2 Shaft 26 was sounded multiple time and observed to not exceed the allowable tolerances for shaft bottom cleanliness.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to reinforcement and concrete placement operations, the tip of the drilled shaft excavation meets the requirements for wet drilled shaft excavation in soils.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		A cleaning bucket was used to ensure the drilled shaft bottom was cleaned to the appropriate specifications.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Final clean out was performed and witnessed by IQC.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Shaft appeared acceptable prior to concrete placement.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		IQC confirmed no more than 3" of loose disturbed material was present just prior to placing concrete.	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Excavation was acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Ties were acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage for column C06 appeared to be tied at all intersections and adequately braced	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Rebar was tied 100% at intersections and appeared acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was tied 100%.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		I checked the cage prior to installation and it was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was tied 100% at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, and rigidly braced to retain its configuration during construction. Ben Changnon and I checked for ties and measured the length of each cage.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Foundations	Electrical		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		the cage was observed to be 100% tie off and double tied at intersections for at least 4 vertical bars. the cage was free of all loose bars, retained its configuration during placement, and was suspended off the bottom of the hole	Conformance	5/5/2021 9:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		it was inspected that all intersections on the cage were tied.	Conformance	11/2/2020 12:28:41 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		This was witnessed and documented. IQC also verified on their checklists. See attached.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Rebar cage is tied at all intersections and was suspended in shaft without touching bottom.	Conformance	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Verified IQC paperwork and inspections. Witnessed 100% tie.	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at every intersection. The handling and placement of the cage was in conformance with the specification.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing steel cage was tied correctly.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		A rebar inspection was conducted on shaft C63. All of the rebar was tied 100%.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The cages that were placed on the first day were not tied 100%. Please see the attached photos. Cedric Kashosi was the IQC inspector on the second day who notified the crew that the entire cage must be tied. Please reference the attached pictures.	Addressed with NCR-2085	5/29/2020 4:51:02 PM -06:00	Audit Comment	An NCR was generated for the first 2 shafts and discussed in the Building task force.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		PC and IQC inspected and approved reinforcing cages, and inspected to ensure tied 100% at all intersections to ensure configuration is maintained during transport and installation of cage in hole. Due to the cage having to be pulled when the cage lifted during concrete placement operations on 1/17/2020, the drilled shaft cage and column embedment were both reinspected to ensure compliance prior to installation.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		I checked the reinforcing steel cage and it complies with all tying requirements.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing drilled shaft cage was reviewed and accepted by both PC and IQC. The cage was tied 100% at all intersections, and was adequately braced to retain its configuration during handling, installation, and splicing; as well as during suspension of cage during concrete placement operations.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcement cage was spliced, as shown in approved splice detail plan, due to low overhead drilled shaft construction underneath the existing viaduct.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		The contractor overdrilled the hole just enough that the cage had to be spliced and Spartan performed that work before the cage was placed into the hole.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Due to overhead restraints this was performed in the shaft. IQC witnessed.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		they placed the first section into the hole due to the low overhead then spliced the second portion with mechanical couplers above ground, and moved hoop steel down to the appropriate dimensions, then tied it down.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		the low overhead drill shaft plans say that the cage can be spliced while in the shaft as long as the cage is secured at the top from a fixed point on the ground. This was the case for both splices that had to occur due to the viaduct overhead.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage was spliced prior to placement into shaft.	Conformance	11/6/2020 1:39:16 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Due to the low overhead conditions under the viaduct, the cage was placed in two section using bar couplers.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Splice was completed prior to placement.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Splices appeared acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Slices were acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was held securely during concrete placement..	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel cage for column C06 was securely held in position throughout concrete placement and supported from the top	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was securely held.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		the cage was secured at the top of the shaft during the placement of concrete.	Conformance	5/5/2021 9:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		the cage did not move side to side at all during the placement	Conformance	11/2/2020 12:28:41 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Cage support system installed and maintained through the entirety of concrete pour and curing process.	Conformance	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The rebar cage was adequately supported throughout the concrete placement.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Steel reinforcing cage and spliced column cage were securely held in place throughout concrete placement operations and supported at the top as set forth in drilled shaft installation plan.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout concrete placement operations, and supported from the top.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed the length of the entire shaft, not exceeding 10' intervals.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		I observed the concrete spacers being installed and they meet all requirements.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed to provide uniform spacing for the entire cage, not exceeding 10 feet intervals vertically, to ensure concrete cover is achieved per plan.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The concrete spacers were tied to the cage at the appropriate locations before the cage was placed in the hole.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacer/rollers were placed as the rebar was placed in the hole.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The contractor installed wheel spacers at the correct intervals and spacings around the reinforcing steel cage.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		The plastic rebar rollers were present in accordance with this specification.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were used. 6" boots were on cage bottom.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Verified IQC paperwork and inspections. Witnessed cage spacers.	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		It was verified that 4 spacers were used at the 10' spacing.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers (wheels) were placed at less than 10' intervals and a minimum of 4 spacers at each location.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		4" spacers were used in 10' increments.	Conformance	11/2/2020 12:28:41 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed per CDOT Special Provision.	Conformance	11/6/2020 1:39:16 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Plastic spacer wheels were placed at 10' intervals and the correct number of spacers were used for the shaft diameter (7').	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete roller spacers were placed at 4 evenly spaced spots around the cage at 10' intervals.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spacers were acceptable.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spacing devices were placed and did not exceed 10'.	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spacers were placed per specifications.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Concrete cover appeared acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover appeared to be compliant.	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with values shown in the table of Section 503.18.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with Section 503.18.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		I verified the clear cover was in compliance with the following table, because I measured the radius of the spacer.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		The minimum clear cover was maintained by the plastic rebar spacers. Please see the attached pictures.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum cover was achieved and complied with the values shown in Section 503.18.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		The spacers had a 4" radius which maintained the clear cover requirements defined in this table.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with the values shown for a 7'-0" Diameter drilled shaft.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with values shown in the table of Section 503.18.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with specifications.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		For any portion of the caisson socketed in fine grained bedrock susceptible to slaking and degradation such as, but not limited to, claystone, siltstone, or shale and provided the proper slurry properties have been achieved. If the concrete is not placed within four hours of drilling, the Contractor shall drill into the bedrock an additional 1/3 of the plan specified rock socket prior to placing the concrete		IQC verified and was acceptable.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage placed immediately prior to concrete.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		The cage was placed immediately prior to placing concrete.	Conformance	6/23/2021 4:15:44 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage was placed immediately prior to concrete placement.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The steel reinforcing cage has been placed immediately prior to placing concrete.		The reinforcing steel cage was placed immediately prior to concrete placement.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		It was observed the the cage was placed immediately prior to placing concrete.	Conformance	5/5/2021 9:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcement cage was placed immediately prior to concrete placement.	Conformance	11/6/2020 1:39:16 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		the cage was placed within 30 minutes of being poured with concrete.	Conformance	11/2/2020 12:28:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		the cage was placed immediately before the concrete was placed.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Rebar cage was placed immediately prior to concrete.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage was installed immediately prior to placing concrete.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was installed approximately 24 hours prior to concrete placement operations.	Noted	1/2/2020 9:33:41 AM -07:00	Audit Comment	The splicing of the cages is very complicated and will get faster with repetition.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		The rebar cages for shafts C60 and C63 were placed right before the concrete placement.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM -06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The cage was placed immediately before the concrete was poured.	Conformance	5/14/2020 1:31:49 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	The steel reinforcing cage has been placed immediately prior to placing concrete.		The rebar cage was placed immediately prior to the concrete placement.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		the concrete placement was immediately following the placement of the cage.	Conformance	6/9/2020 9:00:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage placed immediately prior to concrete.	Conformance	11/3/2020 2:30:46 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage was placed prior to concrete arrival.	Conformance	9/8/2020 12:44:52 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL tubes have been installed for Shaft 26 at Pier 2 per plan, with a minimum of 3 inches of concrete cover.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL are installed in the drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		CSL have been installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend from 1/2 foot above the caisson bottoms to at least 3-feet above the caisson top.		CSL tubes were installed at each drilled shaft. The installed tubes have a minimum cover of 3 inches and extend 1/2 foot above the caisson bottoms to at least 3 feet above the caisson top.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, whichever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		4 CSL tubes were used.	Conformance	8/16/2021 7:32:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The greater of a minimum of four (4) CSL tubes or one (1) CSL tube per linear foot of the drilled caisson diameter, whichever ever maximum number of CSL tubes controls, shall be installed in each drilled caisson, equally spaced around the perimeter of the caisson at 90 degrees.		A total of seven (7) CSL tubes were installed around the perimeter of drilled shaft reinforcing cage, per plan.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		CSL testing has been performed after minimum 48hrs after concrete placement, and must be completed within 20 calendar days.		Concrete had placed over 48 hrs previously to testing.	Conformance	8/16/2021 7:32:31 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		CSL testing has been performed after minimum 48hrs after concrete placement, and must be completed within 20 calendar days.		CSL/TIP testing was performed within the specified time frame.	Conformance	12/18/2020 11:08:13 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Installed access tubes for CSL testing shall be schedule 40 steel and at least 1-1/2 inch inside diameter.		Installed CSL tubes are 2" nominal steel pipes (ASTM A53, Grade B), per plan and set forth in approved CSL Testing Procedure.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Installed access tubes for CSL testing shall be schedule 40 steel and at least 1-1/2 inch inside diameter.		Installed CSL tubes are 2" nominal steel pipes (ASTM A53, Grade B), per plan and set forth in approved CSL Testing Procedure.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		CSL Access tubes installed have a round, regular inside diameter that is free of defects and obstructions. All pipe joints additionally are free of defects to ensure probes for testing will pass through entirety of tubes freely.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The access tubes shall have a round, regular inside diameter free of defects and obstructions, including all pipe joints, in order to permit the free, unobstructed passage of 1.35 inch maximum diameter source and receiver probes used for the CSL tests.		CSL Access tubes installed have a round, regular inside diameter that is free of defects and obstructions. All pipe joints additionally are free of defects to ensure probes for testing will pass through entirety of tubes freely.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes installed are 2" nominal steel pipes (ASTM A53, Grade B) which are per plan and approved within RFC and CSL Testing Procedure Plans.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes installed are 2" nominal steel pipes (ASTM A53, Grade B) which are per plan and approved within RFC and CSL Testing Procedure Plans.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The access tubes shall be schedule 40 steel, watertight, free from corrosion, and with clean internal and external faces to ensure good bond between the concrete and the access tubes. The access tubes shall be fitted with watertight shoe on the bottom and removable cap on the top		Access tubes were acceptable.	Conformance	8/16/2021 7:32:31 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Class BZ w/ 9" slump was used for drilled shaft concrete.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		concrete mix was confirmed by IQC and the slump was observed to be from PC 7.25", and from IQC 7".	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used is a BZ mix which has been approved for the project and has a slump range of 6 to 9 inches.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The drilled shaft concrete used is a BZ mix which is approved for the project.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		BZ mix was used	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Contractor used an approved mix.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete was class BZ and was between 8" and 9", depending on the truck. Most of the trucks came in around 6.75", but what water was added to achieve a wetter slump for the tremie tube.	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete used is a class BZ mix which has been reviewed and approved by IQC and UPRR for use.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The drilled shaft concrete being used is a BZ mix.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled Shaft Concrete used is a class BZ mix which has been reviewed and approved by IQC and UPRR for use.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Fillmore Bridge Pier 2 Drilled Caisson C3. Each load of concrete that was placed was tested to be within conformance of the specifications for the class BZ mix.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM - 06:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The shaft was placed with BZ concrete. Please see the attached pictures in Comment #1.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	5/14/2020 4:32:12 PM - 06:00	Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		The BZ special Mix Design #94099097 that was submitted by Ludwig was not approved by IQC before the placement. Please see the attached submittal and batch tickets.	The mix design was making it through the appropriate Aconex workflow for the specific Sub-Contractor. Mix design is already approved job wide	5/29/2020 4:52:20 PM -06:00	Audit Comment	BZ special was approved for the project and the placement was allowed to proceed while the specific approval for Ludwig to use the approved mix was in process.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		the concrete mix was verified by the field engineer and also by IQC once it arrived on site.	Conformance	9/30/2020 10:14:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		slump was observed to be 8.25".	Conformance	11/2/2020 12:26:27 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	For underwater placement is the contractor meeting the criteria & methods of 503.19.		For wet placement methods, the placement time shall start at the batching of the initial load of concrete to be placed in the shaft. Allowable time for concrete placement is 90 minutes, which was exceeded by the first three trucks for Pier 2 Shaft 26. IQC documented this with NCR.	1815 written	1/2/2020 9:33:52 AM -07:00	Audit Comment	NCR 1815 was written to track this issue	Closed
Central 70	C 0704-241	Deep Foundations	Structures		For underwater placement is the contractor meeting the criteria & methods of 503.19.		Concrete commenced less than 2 hours after the rebar cage was set; slurry was used	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For underwater placement is the contractor meeting the criteria & methods of 503.19.		Concrete placement was acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Termite was used and concrete placement was acceptable.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Slurry was used and concrete was placed with a tremie	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Termite was used.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Concrete was placed with a tremie	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The wet placement slurry method was used and the concrete was placed with a tremie.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Slurry is being used and the concrete was placed with a tremie.	Conformance	2/5/2021 3:19:00 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		a tremie tube was used during concrete placement.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Concrete tremie was used.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Drilled shaft operation meets criteria for wet placement with slurry being used, and concrete is being placed with a tremie.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Drilled shaft operation meets criteria for wet placement with slurry being used, and concrete is being placed with a tremie.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The operation used a tremie pipe to place the mix. The placement of the concrete was not considered a wet process.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The concrete was placed by the tremie method.	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The concrete was placed by the tremie method with the aid of a pump truck.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		the drill shaft concrete placement utilized a tremie pipe since slurry was used.	Conformance	9/30/2020 10:14:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		during the placement the rebar cage did not displace any in either the upward or downward direction.	Conformance	9/30/2020 10:14:15 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		the rebar cage was observed to move .5" after placement had commenced.	Conformance	11/2/2020 12:26:27 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Less than an inch of movement was documented in the upward direction. 0.07'. This was witnessed and documented on IQC checklist.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		There was no displacement of the cage during the placement of concrete.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement operations on 1/17/2020, the cage exceeded upward displacement and the pour was stopped. The cage was able to be removed, cleaned, and reinspected. The shaft was re-drilled just past tip of planned elevation, cage installed, and concrete placed on 1/18/2020. The cage did not exceed upward or downward displacement during operations this date.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel has not exceeded the upward or downward displacement tolerances. During the placement operations and throughout curing time, the cage is supported in place from the top of drilled shaft.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		the cage did not displace in any direction during or right after the placement of concrete.	Conformance	11/30/2020 2:59:10 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During the concrete placement the drilled shaft steel did not exceed the upward or downward displacement per CDOT Special Provision.	Conformance	11/6/2020 1:39:16 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel showed no upward displacement, tremie was used.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The rebar cage displaced downward 4"	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The rebar cage was not displace by more than 2" upwards or 6" downwards	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Steel displacement was not an issue.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The discharge tube was submerged for the duration of the concrete placement.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The discharge tube was submerged at least 5' for the duration of the pour	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Tremie pipe embedment remained submerged within concrete atleast 5 feet, and containing enough concrete to prevent water from entering.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Tremie pipe embedment remained submerged within concrete atleast 5 feet, and containing enough concrete to prevent water from entering.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The tremie pipe was submerged into the concrete at least 5 feet throughout the placement.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The crew used a weighted measuring tape to ensure the minimum depth of the tremie pipe was maintained throughout the placement	Conformance	4/8/2020 8:59:36 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		the tremie pipe that was used, was slowly raised as concrete was placed, the tremie pipe was submerged in the slurry the entirety of the pour.	Conformance	9/30/2020 10:14:15 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		the concrete was placed in a continuous operation except when concrete needed to be tested.	Conformance	11/2/2020 12:26:27 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		The concrete was placed in a continuous method within the time frame.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete for the drilled shaft was placed in one continuous operation and did not exceed the time in the installation plan.	Conformance	3/27/2020 8:23:14 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		The operation was completed within the time frame described in the installation plan.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation, and did not exceed the allowable time.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was in one continuous operation and did not exceed the time in the drilled shaft installation plan.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation from start to completion, however the time variance regarding allowable placement time for each concrete truck (90 Minutes Maximum) was not followed for the first three concrete trucks. IQC has addressed this issue with an NCR.	1815 written	1/2/2020 9:34:06 AM -07:00	Audit Comment	NCR 1815 was written to track this issue	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement occurred in one, continuous operation	Conformance	6/25/2021 10:53:00 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was a continuous operation.	Conformance	7/23/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was acceptable.	Conformance	7/28/2021 4:28:22 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		The concrete was placed continuously	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was placed in a continuing operation and did not exceed the allowable time in the DSIP.	Conformance	11/6/2020 1:39:16 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete was placed in one continuous operation and did not exceed the time in the drilled shaft installation plan.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was continuous.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete placement was acceptable.	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed using a tremie and did not hit the sides of the reinforcing cage or holes.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed down the center of the drilled shaft without hitting the reinforcing cage or the hole.	Conformance	4/16/2021 7:46:19 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie pipe is utilized to the base of the drilled shaft to place concrete without hitting sides of reinforcing cage or hole.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting the sides of the reinforcing cage or the hole.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		Tremie pipe is utilized to the base of the drilled shaft to place concrete without hitting sides of reinforcing cage or hole.	Conformance	1/21/2020 1:08:38 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		The removal of the tremie pipe was in a vertical manner and did not come into contact with the rebar cage.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	4/2/2020 1:38:00 PM -06:00	Concrete is placed without hitting sides of reinforcing cage or holes.		The pump truck operator maintained the boom with precision to ensure the cage was not struck.	Conformance	3/31/2020 5:06:03 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		a pump truck was used to place the concrete and did not hit the cage during the placement.	Conformance	11/2/2020 12:26:27 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		the concrete was placed using 30' of tremie pipe and a 5' pipe hooked to the pump truck used for this placement, there was a guide used on the top of the drill shaft to insure that the pipe would not touch any part of the cage during placement.	Conformance	9/30/2020 10:14:15 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		A tracked concrete pump was used with tremie.	Conformance	9/16/2020 11:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		The concrete at the top of the shaft is properly cured.		the concrete at the top of the shaft was cured properly	Conformance	11/2/2020 12:26:27 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		The concrete at the top of the shaft is properly cured.		The concrete was placed to the top of the permanent casing. The crew wrapped the placement area in blankets after the operation was complete.	Conformance	12/28/2019 1:02:05 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The concrete at the top of the shaft is properly cured.		Concrete at top of shaft to be verified for sound concrete that is properly cured. See requirements #47 & #48 for additional evidence relating to concrete curing.	CSL results will be verified	1/2/2020 9:35:13 AM -07:00	Audit Comment	The top of the shaft will be evaluated during the CSL testing.	Closed
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		Concrete was cured.	Conformance	8/16/2021 7:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Concrete had cured for over 24 hrs prior to drilling within 20'.	Conformance	8/16/2021 7:32:31 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Recently poured drilled shaft #26 at Pier 2 was allowed to set/ cure for at least 24 hours prior to any additional operations continuing within proximity.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	The drilled shaft meets the tolerances outlined in 503.20		The drilled shaft meets the tolerances outlined in 503.20.	Conformance	12/17/2019 1:06:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM - 07:00	For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Pier 2 Drilled Caisson 26 was placed with slurry being used. The top of the drilled shaft was cleaned up, to include removing all scum, laitance, loose gravel and sediment on the surface that would allow for proper curing of top of shaft. Per Plan Sheet B020.108, Slurry Displacement Note 17: "Displace our of the shaft or remove from the shaft the first portion of concrete that comes to the top of the shaft that contains concrete contaminated with slurry until acceptable concrete is visible. Add or remove concrete to the specified cutoff level." Concrete was pumped in overflow and remove slurry from top of shaft concrete. Further operations will be monitored to observe complete compliance.	CSL results will be verified	1/2/2020 9:35:01 AM -07:00	Audit Comment	It was my understanding this took place at the end of the placement. CSL results will verify top of shaft soundness	Closed
Central 70	C 0704-241	Deep Foundations	Structures		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Top of shafts had been cleaned.	Conformance	8/16/2021 7:32:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Slurry was removed .	Conformance	8/16/2021 7:33:07 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Slurry was vacuumed away.	Conformance	7/28/2021 4:28:23 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		I observed the contractor remove any deleterious material such as scum and laitance from the concrete surface along with any high sports that would prevent the correct installation of column reinforcing steel.	Conformance	12/29/2020 5:15:57 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Working drawings for precast panel deck forms shall be submitted to the Engineer in conformity with subsection 105.02.		Shop drawings were submitted through Aconex prior to placement.	Conformance	4/13/2020 1:44:58 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Prestressing for precast panel deck forms shall be in accordance with subsection 618.07(a)		Deck panels appeared acceptable.	Conformance	4/27/2021 8:33:44 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Precast panel deck forms shall be stored and transported in a horizontal position and shall conform to the requirements of subsections 618.14(c) and 618.15		Deck panels were unloaded from the delivery truck.	Conformance	4/27/2021 8:33:44 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		When precast panels are erected, the fit of mating surfaces shall have no more than a ? inch gap to prevent concrete leakage. If such fit cannot be provided, the joint shall be filled with grout or sealed with an acceptable caulking compound prior to the placing of the cast-in-place portion of the slab.		Panels were paced with minimal gaps and excessive gaps were filled with expandable foam.	Conformance	4/27/2021 8:33:44 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Precast panels and their accessories, including components to set grade, shall not be attached by welding to steel girders or other structural steel elements or reinforcing steel.		Panels were placed per plans.	Conformance	4/27/2021 8:33:44 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The Contractor shall handle the product in such a manner as to prevent cracking or damage. Cracked or damaged products shall be inspected by the PC section and repaired in accordance with subsection 618.13, or replaced at the Contractor's expense.		Contractor used care to not crack panels while unloading and placement.	Conformance	2/5/2021 10:32:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The Contractor shall handle the product in such a manner as to prevent cracking or damage. Cracked or damaged products shall be inspected by the PC section and repaired in accordance with subsection 618.13, or replaced at the Contractor's expense.		Panels were intact and undamaged throughout placement.	Conformance	4/13/2020 1:44:58 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The Contractor shall handle the product in such a manner as to prevent cracking or damage. Cracked or damaged products shall be inspected by the PC section and repaired in accordance with subsection 618.13, or replaced at the Contractor's expense.		All panels were intact upon placement.	Conformance	4/13/2020 1:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The Contractor shall handle the product in such a manner as to prevent cracking or damage. Cracked or damaged products shall be inspected by the PC section and repaired in accordance with subsection 618.13, or replaced at the Contractor's expense.		No cracking or damage occurred	Conformance	2/12/2021 10:07:51 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The Contractor shall handle the product in such a manner as to prevent cracking or damage. Cracked or damaged products shall be inspected by the PC section and repaired in accordance with subsection 618.13, or replaced at the Contractor's expense.		Panels were not cracked	Conformance	2/12/2021 10:07:35 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Braces, trusses, chains, cables, or other metal devices used for handling, storing, shipping, or erecting shall be adequately padded at points in contact with the concrete, to prevent chipping of the finished product.		All contact points with concrete were padded	Conformance	2/12/2021 10:07:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Braces, trusses, chains, cables, or other metal devices used for handling, storing, shipping, or erecting shall be adequately padded at points in contact with the concrete, to prevent chipping of the finished product.		All contact points had padding to prevent damage	Conformance	2/12/2021 10:07:51 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Braces, trusses, chains, cables, or other metal devices used for handling, storing, shipping, or erecting shall be adequately padded at points in contact with the concrete, to prevent chipping of the finished product.		Lifting anchors were used to lift and place panels.	Conformance	4/13/2020 1:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Braces, trusses, chains, cables, or other metal devices used for handling, storing, shipping, or erecting shall be adequately padded at points in contact with the concrete, to prevent chipping of the finished product.		No chipping occurred.	Conformance	4/13/2020 1:44:58 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Braces, trusses, chains, cables, or other metal devices used for handling, storing, shipping, or erecting shall be adequately padded at points in contact with the concrete, to prevent chipping of the finished product.		Panels were shipped with wooden dunnage under and between panels.	Conformance	2/5/2021 10:32:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Deck panels shall be lifted as directed in the Contract unless alternative lifting methods are allowed by the Engineer.		Panels were lifted properly.	Conformance	2/5/2021 10:32:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Lifting of more than one panel at a time shall not cause panel cracking. Methods for multiple lifting of panels shall be shown on the working or shop drawings.		Only one panel was lifted.	Conformance	2/5/2021 10:32:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Lifting of more than one panel at a time shall not cause panel cracking. Methods for multiple lifting of panels shall be shown on the working or shop drawings.		Only one panel was lifted at a time	Conformance	2/12/2021 10:07:51 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Lifting of more than one panel at a time shall not cause panel cracking. Methods for multiple lifting of panels shall be shown on the working or shop drawings.		One panel was lifted at a time	Conformance	2/12/2021 10:07:35 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Panel products shall be stacked in such a manner that damage does not occur.		Panels were stored with dunnage in between to prevent damage	Conformance	2/12/2021 10:07:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Panel products shall be stacked in such a manner that damage does not occur.		Dunnage was provided in between panels to prevent damage	Conformance	2/12/2021 10:07:51 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Panel products shall be stacked in such a manner that damage does not occur.		Panels were shipped with wooden dunnage under and between panels.No damage was observed.	Conformance	2/5/2021 10:32:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Bearing area beneath the precast panel is per the plan/shop drawings.		Bearing area was per plans.	Conformance	4/13/2020 1:44:58 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Bearing area beneath the precast panel is per the plan/shop drawings.		Styrofoam supports were placed under the panels per plan.	Conformance	4/13/2020 1:45:40 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Structural Concrete Coating shall be applied to all exposed concrete elements of the structure above the ground line, and shall extend 1 foot below the finished ground line.		No coating was applied.	Conformance	4/27/2021 8:32:56 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:41:49 AM -06:00	Bridge bearing devices, curb and barrier cover plates, fence, and steel bridge rail shall be masked or otherwise protected to prevent structural concrete coating from coming into contact with them.		Coatings did not come in contact with anything but the girders.	Conformance	5/17/2021 8:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:42:31 AM -06:00	Bridge bearing devices, curb and barrier cover plates, fence, and steel bridge rail shall be masked or otherwise protected to prevent structural concrete coating from coming into contact with them.		Stain was placed on girders only.	Conformance	5/17/2021 8:51:55 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All stain must be delivered to the project site in sealed containers bearing the manufacturer's original labels.		Stain was delivered in sealed containers.	Conformance	6/14/2021 1:44:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:42:31 AM - 06:00	Existing concrete designated to receive Structural Concrete Stain shall be cleaned by water blasting at a minimum pressure of 3,000 psi and at a rate of 4 to 14 gallons per minutes to remove dust, dirt, and other materials that would inhibit bonding of the coating. If the surface is contaminated before application of the coating, it shall be re-cleaned as required prior to application of the coating.		Surface preparation was not witnessed.	1154	7/20/2021 12:48:52 PM -06:00	Audit Comment	Issue tracked thru ENCR 1154	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Existing concrete designated to receive Structural Concrete Stain shall be cleaned by water blasting at a minimum pressure of 3,000 psi and at a rate of 4 to 14 gallons per minutes to remove dust, dirt, and other materials that would inhibit bonding of the coating. If the surface is contaminated before application of the coating, it shall be re-cleaned as required prior to application of the coating.		Existing concrete surface was pressure cleaned prior to coating application.	Conformance	6/14/2021 1:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:41:49 AM - 06:00	Existing concrete designated to receive Structural Concrete Stain shall be cleaned by water blasting at a minimum pressure of 3,000 psi and at a rate of 4 to 14 gallons per minutes to remove dust, dirt, and other materials that would inhibit bonding of the coating. If the surface is contaminated before application of the coating, it shall be re-cleaned as required prior to application of the coating.		Surface preparation was not witnessed.	Prep was documented in IQC report	7/20/2021 12:51:01 PM -06:00	Audit Comment	IQC verified surface prep. See attached IQC report.	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Existing concrete designated to receive Structural Concrete Stain shall be cleaned by water blasting at a minimum pressure of 3,000 psi and at a rate of 4 to 14 gallons per minutes to remove dust, dirt, and other materials that would inhibit bonding of the coating. If the surface is contaminated before application of the coating, it shall be re-cleaned as required prior to application of the coating.		the outside girders that received the staining was power washed off before any stain was applied to the girder.	Conformance	8/31/2020 1:50:40 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:41:49 AM - 06:00	Two coats of Stain shall be applied. Each coat shall be applied at a rate of 200 to 250 square feet per gallon (approximately 3 mils dry film thickness). The second coat shall not be applied until at least 12 hours after the application of the first coat.		Did not witness IQC verify the 3 mil thickness.	Conformance	7/23/2021 7:53:42 AM -06:00	Audit Comment	IQC verified application. See attached report.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Two coats of Stain shall be applied. Each coat shall be applied at a rate of 200 to 250 square feet per gallon (approximately 3 mils dry film thickness). The second coat shall not be applied until at least 12 hours after the application of the first coat.		It appeared that 2 coats were applied but did not observe thickness verification.	Conformance	6/14/2021 1:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:42:31 AM - 06:00	Two coats of Stain shall be applied. Each coat shall be applied at a rate of 200 to 250 square feet per gallon (approximately 3 mils dry film thickness). The second coat shall not be applied until at least 12 hours after the application of the first coat.		Did not witness IQC verify 3 mil thickness.	1154	7/20/2021 12:48:37 PM -06:00	Audit Comment	Issue tracked thru ENCR 1154	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:41:49 AM - 06:00	The Stain shall be mixed mechanically and applied by spraying. Workmanship shall be such that the final stained surface is colored uniformly and presents a pleasing appearance. Any areas determined by the Engineer to be insufficiently stained shall be restained.		The stain appeared to have been mixed properly.	Conformance	5/17/2021 8:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The Stain shall be mixed mechanically and applied by spraying. Workmanship shall be such that the final stained surface is colored uniformly and presents a pleasing appearance. Any areas determined by the Engineer to be insufficiently stained shall be restained.		the stain was applied through a sprayer, in a uniform sequence.	Conformance	8/31/2020 1:50:40 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:41:49 AM - 06:00	The Stain shall be applied only when the ambient temperature is between 50°F and 90°F and is anticipated to remain above 40°F for a minimum of 24 hours. Stain shall not be applied in windy or wet conditions or when rain or snow is expected within 24 hours. The surface to be stained shall be dry and free of frost.		Temperature was verified by IQC.	Conformance	5/17/2021 8:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The Stain shall be applied only when the ambient temperature is between 50°F and 90°F and is anticipated to remain above 40°F for a minimum of 24 hours. Stain shall not be applied in windy or wet conditions or when rain or snow is expected within 24 hours. The surface to be stained shall be dry and free of frost.		Coating was applied within specified temperatures.	Conformance	6/14/2021 1:44:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/17/2021 9:42:31 AM - 06:00	The Stain shall be applied only when the ambient temperature is between 50°F and 90°F and is anticipated to remain above 40°F for a minimum of 24 hours. Stain shall not be applied in windy or wet conditions or when rain or snow is expected within 24 hours. The surface to be stained shall be dry and free of frost.		Temperature was not acceptable prior to placement and ENCR 1154 issued by IQC.	1154	7/20/2021 12:48:45 PM -06:00	Audit Comment	Issue tracked thru ENCR 1154	Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing was protected from damage and dirt.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		all rebar was epoxy coated	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was free of damage and debris.	Conformance	9/17/2020 5:20:36 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was black steel in accordance with the RFC drawings and the pump station specifications.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was free of dirt and debris.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar is epoxy coated free of damage and foreign substances.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was free of damage and debris.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the reinforcing steel and its epoxy coating were protected from damage and is free from any deleterious materials.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was free of damage and debris.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All bars were adequately protected.	Conformance	8/21/2020 4:24:25 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads	8/14/2020 4:30:49 PM -06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the reinforcing steel for the CBC floor was stored away from the CBC and was brought in as needed. I observed no damage.	Was supposed to just be a comment and not an audit comment.	8/31/2020 8:24:23 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM -06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		CIP sections rebar was placed in accordance with the plans and specs.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel was free of damage and debris.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the rebar that was included in the placement was epoxy coated free of damage and debris.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coating was not damaged on bars.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and is free of deleterious materials.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		all the reinforcing rebar used for the moment slab was epoxy coated and anywhere that the epoxy on the rebar was rubbed or scratched off was coated with approved epoxy spray.	Conformance	11/2/2020 4:13:14 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected at all times. I observed no damaged reinforcing steel or damaged epoxy coating.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The placement was free of dirt and debris. The water that was held behind the water stop was removed before the forms were placed.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		There was no epoxy coated steel in the placement. All steel was free of rust and debris.	Conformance	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		I observed no reinforcing steel damage or any deleterious materials on the cage.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The rebar was free of damage and debris.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the rebar was epoxy coated and free from damage.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Crew installing the rebar field cut various bars as a result a lot painting of the bars was required. Spartan crew installing the rebar did a poor job at protecting the rebar (dragging and throwing bars on to the mat) as a result the epoxy needed touch up at many locations.	Field Resolved	6/10/2020 7:54:44 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was in accordance with the approved shop drawings for Josephine. Not applicable at other locations.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage at all times and is free of any deleterious materials.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Rebar was protected.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage and was free of any deleterious materials.	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damage at all times and is free from deleterious materials. Some epoxy coating was damaged during installation but was repaired.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the reinforcing steel was black steel in conformance with the pump station plans, shop drawings and specifications.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damaged at all times and is free from deleterious materials.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar used in the pump station wet well is black steel. It was free of dirt and foreign materials.	Conformance	6/4/2020 7:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Both the diaphragms and deck were free of dirt and debris. The crew used shop vacs in the days leading up to the placement to remove any of the material.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Some reinforcing steel had minor rust. This was mentioned to PC before placement. The placement was free of dirt and other debris.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the rebar was free of damage and debris.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The rebar and placement were free of dirt and debris.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the rebar was epoxy coated free of damage and debris.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the reinforcing steel is black uncoated rebar. Reference general notes of pump station plans. All rebar was free of dirt and debris.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		General note 16 on Plan Sheet DL50-01 notes. "All reinforcing steel shall be non-coated (black) reinforcing steel unless noted otherwise." There was slurry slab that was poured at the bottom of the wet well. This allowed for lattice water to be collected. The area was clean a free of debris.	Conformance	3/20/2020 4:00:16 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the rebar was protected against damage and free of dirt and debris.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	2/13/2020 2:33:22 PM - 07:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All epoxy coated reinforcing steel was protected from damage and free of dirt and loose foreign material.	Conformance	2/13/2020 1:33:39 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel and the epoxy coating that I checked in the barrier rail had been protected from damage and I observed no issues with it.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damage.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All epoxy coated rebar that was required was included. All the black steel was free of dirt and foreign substances.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		There was some dirt found of some pieces of rebar. The crew was notified and cleaned in on the spot. The rest of the placement was free of dirt and debris.	Conformance	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating has been protected from damage and was free of any deleterious materials.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The steel was free of damage and debris.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All of the reinforcing was epoxy coated in accordance with the plans and specifications. All foreign debris was removed from the deck before and during my observation.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage and foreign material substances.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Area was cleaned of debris prior to forming and protect/heated prior to pouring	Conformance	2/26/2021 12:58:00 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Material stored on dunnage.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The rebar was clean and free of debris.	Conformance	2/3/2021 8:08:16 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage and is free of deleterious materials.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was protected from damage/debris prior to pouring	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		it was observed that all reinforcement rebar was epoxy coated.	Conformance	5/5/2021 9:19:55 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was formed up and then covered at the end of each to to protect it from damage	Conformance	2/26/2021 12:54:10 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing was protected from damage at all times and is free of deleterious materials.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The wall rebar was epoxy coated and protected from damage. The reinforcing steel was dirty from the workers tying the steel. The steel was cleaned before the forms were buttoned up.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The rebar was free of dirt and debris.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		it was noticed that two of the bars had been cut into. (see attached pictures). instead of replacing the entire bars it was agreed upon to use mechanical couplers to fix the two bars that were cut into.	Field Resolved	11/30/2020 2:59:10 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the epoxy coated reinforcing steel was placed on dunnage and was protected from damage and deleterious materials.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel was free of dirt and debris.	Conformance	12/18/2020 11:02:03 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damage at all times and is free from any deleterious materials.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All the reinforcing steel and its epoxy coating were protected from damage and are free from deleterious materials.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damage at all times and is free of any deleterious materials.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		The reinforcing steel was protected from damaged and I did not see any in the forms that had any damage, and it was free of deleterious materials.	Conformance	2/5/2021 3:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar used was stock piled on wood prior to use and was clean.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		it was observed that all coated rebar was protected and no defects were detected before placement.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		it was observed that all bars have been protected from damage and free of foreign elements.	Conformance	5/5/2021 9:17:39 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Reinforcing steel is free of debris	Conformance	7/29/2021 9:19:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage at all times and I observed no damage to the reinforcing steel or the coating. All reinforcing steel was free of any deleterious materials.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating was protected from damage at all times and is free of any deleterious materials.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementarily	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was black bar in accordance with the shop drawings and plans sheet LSC-112 & LSC-504.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel (no epoxy coating) was protected from damage at all times and is free from deleterious materials.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Rebar was clean and stored on wood blocks.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved prior to concrete placement.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved (Merrifield) before concrete placement by IQC.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar placement prior to concrete placement.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was inspected and approved by IQC before concrete placement.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement has been inspected and approved by IQC before concrete placement.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The culvert reinforcing steel was inspected and approved prior to concrete placement by IQC.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		prior to placement IQC approved the reinforcement	Conformance	5/5/2021 9:17:39 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		it was observed that during the pre-pour IQC conducted their inspection.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and accepted placement.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		2 hours prior to the placement of the concrete it was observed that IQC inspected and signed off on the section of wall being poured.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Lawrence Hageman) before concrete placement.	Conformance	2/5/2021 3:21:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved before concrete placement by IQC (Lawrence Hageman).	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Halbach) prior to concrete placement.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved before concrete placement by IQC (Lawrence Hageman).	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	12/4/2020 9:39:42 AM -07:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC had signed off on the sign foundation/ Wall notch 2 times, and the rebar was incorrect both times. and the layout was incorrect after the first sign off.	Field Resolved	12/3/2020 9:08:46 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Emergency Power	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		Sean Gillman of IQC was present during the placement.	Conformance	12/18/2020 11:02:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing steel was inspected and approved by IQC (Cedric) before concrete placement.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Reinforcement has been inspected and approved by before concrete placement by IQC.		Please reference the attached inspection report completed by Alex Chapman of IQC.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Chris Halbach) before concrete placement.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		it was observed that prior to concrete placement IQC performed their punch items.	Conformance	5/5/2021 9:19:55 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC approved reinforcement prior to concrete pour	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Halbach) before concrete placement.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC confirmed they had checked all rebar prior to pour and that it was correct per CCD foundation plans	Conformance	2/26/2021 12:54:10 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Inspected and accepted by Keiwit representative.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by IQC prior to concrete placement.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC Anthony McApplin signed off on the pre pour inspection before the placement.	Conformance	10/21/2020 7:42:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC checked the steel in a rebar inspection conducted on Thursday, 1/16/2020 at 10:00am. I checked the reinforcing steel on Friday, 1/17/2020 at 1:00pm. Approximately 60 shear ties (#3 @ 8") were missing at the interior edge of the sump pit. I notified PC and IQC of the missing steel. PC had Spartan come back out to install the missing rebar. I completed a second inspection on Saturday, 1/18/2020 to verify they were placed. Please see the attached plan sheet #DLS3-04.	Through discussions with PC IQC and designers, it was agreed that what was tied in the field was correct.	2/13/2020 1:44:11 PM -07:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was approved by IQC before my inspection. The inspection was conducted with IQC (Civil/Electrical, PC and the CCD Building Inspector. Please see the attached inspection reports completed by AEC and IQC.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was checked by IQC (Tommy Harmon) before concrete placement.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		A pre-pour inspection was conducted at 12:01pm, Tuesday March 24th with Mike Lopez (Superintendent) and Anthony McAplin (IQC). The pour will occur at 1:00pm on Wednesday, March 25th.	Conformance	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved before concrete placement by IQC.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		Cover Pier 2 Cap, Column P2-29 to P2-35. The rebar inspection was completed by Alex Chapman of IQC on Friday, January 3rd. The final rebar and pre-pour inspection was completed by Tony McAplin on Monday, January 6th. The concrete was placed at 7:30pm on Monday, January 6th.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM -07:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		Jason Myrvoid of IQC inspected and approved the reinforcing steel before concrete placement.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM -07:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC completed an inspection report before the placement. Please see attached inspection report.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The placement of concrete was moved from Friday, March 27th to Tuesday, March 31st. IQC did not complete an inspection before this audit. A pre-pour inspection will occur before concrete is placed.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected by Tony McAplin of IQC and the dry run was Tuesday, June 2nd.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was inspected by Alex Chapman of IQC.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The East Bookend was tied multiple times. I completed a pre-pour placement rebar check at 8:00am this morning with IQC (Alex Chapman and Jason Myrvold). Please reference the attached pictures.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The steel was inspected by IQC before the placement. Chris Merrifield was onsite to complete the inspection.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was approved by Tony McAplin before the placement.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was checked the day before when the forwork was off. The rebar was checked again the morning of the placement.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Hallbach, Mcalpin, Gilman) before concrete placement.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		I completed a rebar walk through with Kiewit PC and IQC on Tuesday, March 31st. Some minor adjusted were required. Rebar spacing around the top openings were adjusted in accordance with the plans and shop drawings sight on scene.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved by IQC before concrete placement.	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Tony Mcalpin) before concrete placement.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and accepted rebar prior to placement.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Tony Mcalpin, Chris Halbach) prior to concrete placement.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Please see the attached IQC inspection report completed by Alex Chapman.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		During the Dry Run for the deck pour it was found that in some instances the rebar splices were spread out, instead of tied together. IQC was notified, IQC and the foreman then came up with a plan and fixed the issue immediately. see attached pictures.	Field Resolved	6/9/2020 11:03:28 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC did multiple checks to ensure the rebar was correct. Ed Kowal was the special inspector on the project. When Ed wasn't able to come onto the project. The verification to ensure the issues were fixed was completed by Alex Chapman via video call with Ed.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC did their inspection and everything was good.	Conformance	6/25/2020 11:38:55 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC (Stoan Bush) before concrete placement.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved the reinforcement the day before the concrete placement, I also was out during the inspection and found no apparent issues.	Conformance	7/16/2020 10:11:32 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected and approved by Alex Chapman of IQC before the concrete placement began.	Conformance	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC was present before the forms were placed and approved the reinforcements.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		Alex Chapman of IQC inspected the work at 2:00pm on Wednesday, May 6th. Some loose stirrup ties were found. This was pointed out by Alex during the inspection. The loose rebar was addressed right after it was found.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected by IQC (Tony Mcalpin) before concrete placement.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		Alex Chapman of IQC inspected the rebar prior to the forms being hung. Please see the attached inspection report.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Myself and IQC performed the inspection together and found that all reinforcements were per plan and spec	Conformance	7/14/2020 12:16:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected the wall reinforcements before the concrete was place.	Conformance	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved by IQC (Doug) prior to concrete placement.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar prior to concrete placement.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was approved by IQC after the dry run of the bid well on Friday, May 15th.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC was onsite for inspection.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads	8/14/2020 4:30:49 PM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved before concrete placement by IQC (Chris Halbach).	Conformance	8/10/2020 8:38:36 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar prior to placement.	Conformance	8/21/2020 4:24:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/12/2020 4:56:29 PM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		From talking with Chee, IQC was not notified of the inspection. So the blockouts were not verified by IQC before placement. Reference information in comment #2.	Resolved	10/19/2020 10:25:11 AM -06:00	NC-2	NCR 2288 was written to address this issue	Closed
Central 70	C 0704-241	Approach Slabs	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcing steel was inspected by Breck Cabot of IQC. Please reference the attached IQC reports.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		before placement of the concrete, IQC inspected the rebar and found no problems.	Conformance	8/27/2020 2:05:56 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The slab inspection was completed by Tony Lell of AEC. Alex Chapman was onsite during the concrete placement. Please see the attached inspection reports for each.	Conformance	7/9/2020 8:16:19 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected the bar before hand and then the State inspector for CDOT inspected the lower slab. the reinforcement was in conformance with the plans	Conformance	7/12/2020 2:43:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/14/2020 4:28:36 PM - 06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		The attached inspection was not complete. There are associated pictures for the MCC pads installation but missing the required information for the inspection.	Addressed	9/8/2020 8:45:30 AM -06:00	Audit Comment	The checklist on the MCC electrical component will not be completed until the MCC unit is set and connected. The MCC unit was set in a temporary configuration at this time. The concrete pre pour inspection will take place at pre pour hold point	Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected by Alex Chapman of IQC.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		Reinforcement has been inspected and approved by before concrete placement by IQC.		before the placement IQC approved the rebar before the placement started.	Conformance	9/30/2020 10:12:24 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved by IQC (Gilman/Myrvold) before concrete placement.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar and concrete placement was inspected by Sean Gillman and Anthony McAplin.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected and approved by Sean Gillman and Anthony McAplin.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar inspection was completed by Lawrance Hageman of IQC. Please see the attached inspection reports.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected by Anthony McAplin of IQC. Please see the attached inspection report. The barrier placed was from panel WB126 to WB119. Plan Sheet B050.453.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was approved by IQC before my inspection. Please see the attached IQC inspection report and my pictures.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		The rebar was inspected by Lawrence Hageman of IQC. Please see the attached inspection report.	Conformance	9/17/2020 5:20:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		it was witnessed that IQC inspected the rebar before the concrete was placed	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar placement prior to pour.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing was inspected and approved by IQC prior to placement.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing had at least 2 inches of clear cover.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		it was noted that the rebar on the outside edge clearance was about 1 1/4", it was corrected in the field to be at least 1 1/2" clearance before concrete placement	Field Resolved	11/3/2020 2:15:54 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The top slab clear cover was not adequate before placement. The total depth of the placement was varying between 7 3/8" to 7 3/4" thick. The chamfer was adjusted accordingly to the minimum depth and clear cover. Please see the attached pictures.	Field Resolved	9/17/2020 5:20:36 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The appropriate clear cover was maintained with the use of plastic rebar chairs.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Plastic rebar chairs were used to ensure the 2 inch clear cover was maintained.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Concrete dobies were used to maintain the appropriate amount of clear cover.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was in accordance with the plans and following specification.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was appropriate in accordance with plan sheet EPF-102.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has a clear cover of 2 inches.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was in accordance with plan sheet FCST-300A of NDC-548.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		after the dry run there was a rebar inspection and all locations had a clear cover of at least 2"	Conformance	7/27/2020 1:02:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing bar that required a minimum of 2" of cover, was achieved.	Conformance	7/16/2020 10:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel had a minimum 2in clear cover. Please see attached pictures.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Crews grinding irregularities in the wall caissons ground too deep hitting the reinforcing steel. The grinding operation did not appear to have a means of control to ensure too much concrete was not removed from the caisson. Email was sent over to IQC and PC regarding the issue.	Field Resolved	8/3/2020 11:25:10 AM -06:00	Field Resolved		Closed

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Central 70	C 0704-241	Bridge Deck	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		during the dry run all locations in question plus multiple random checks showed that the clear cover was at least 2".	Conformance	8/31/2020 1:20:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		A handful of bar tails were pointed out to IQC and were addressed.	Field Resolved	9/23/2020 12:42:01 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	UPRR	Railroads	8/14/2020 4:30:49 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel, including splices, has clear cover of 2 inches.	Conformance	8/10/2020 8:38:36 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Clear cover was provided	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear was measured to be 2" at all locations across the deck.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing had at least 2 inches of clear cover.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has clear cover of 2 inches.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All clear cover was checked and verified of atleast 2" of cover.	Conformance	7/14/2020 12:16:24 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		all reinforcing rebar had 2" of clear cover on all sides with 3" of clear cover from the ground as specified in the plans.	Conformance	11/2/2020 4:13:14 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had a minimum cover of 2 inches.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar chairs as well as form stoppers at the bottom were used to ensure the clear cover was maintained.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		There were some clear cover issues in multiple areas of the placement but were fixed with rebar chairs before the pour began.	Conformance	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had a clear cover of 2 inches.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		side cover was minimum of 2" cover, top and bottom cover were a minimum of 3"	Conformance	6/25/2020 11:38:55 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover followed the information provided on plan sheet CAS-000 General Note N.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		During the Dry run multiple measurements were conducted and clearance was established. see attached pictures	Conformance	6/9/2020 11:03:28 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The adequate amount of clear cover was provided.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The rebar had the appropriate 2" minimum clear cover.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has a clear cover of a minimum of two inches.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		2 inches of clear cover was created at all edges, unless otherwise called for on plans.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has a clear cover of 2 inches. Some reinforcement was adjusted during inspection to comply.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel had a minimum cover of 2".	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the rebar had the required clear cover.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The placement had the required clear cover.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		all sides had 2 inches of clear cover with 3 inches of top and bottom clearance.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the reinforcing steel had the appropriate clear cover in conformance with the plans and shop drawings.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Pegs at the bottom of the forms and form chairs were used to ensure that the 2" minimum clear cover was maintained.	Conformance	6/4/2020 7:40:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The crew had to lift the cage to get the appropriate clear cover. This was completed before the concrete was delivered.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The East end of the placement required an additional rebar chair to ensure the 2" clear cover was met. All other locations had the required 2" of clear cover.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The stands for the screed supports were adjusted during the dry run maintain the 2" clear cover.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was in conformance of the plans and specifications.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All the rebar in place had the required 2" of clear cover.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The shop drawings require a 2.5" clear cover on the top and bottom mat. The sides against the secant wall shafts require 2". Both of these dimensions were verified during the inspection.	Conformance	3/20/2020 4:00:16 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the formwork was supported from the rebar by 2" rebar chairs.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		These problems consisted of clear cover for the operation which was called out to be 3" of clear on top and bottom (in some cases it was only 2"), and that where the rebar had ben cut the ends were not coated with epoxy spray. these problems were easily corrected on the spot before pouring concrete.	Field Resolved	6/25/2020 11:38:18 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		I inspected the forms and reinforcing steel and saw no instances of cover less than 2 inches.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has clear cover of 2 inches.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar chairs were used to hold the forms off the rebar. The clear cover was measured to be at least 2" at all areas.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the rebar met the clear cover spelled out in the plans. Measurements were taken from a level to ensure all clear cover was appropriate.	Conformance	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel had a minimum of two inch concrete cover.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The appropriate clear cover was maintained throughout the placement.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All clear cover was found to within conformance of the plans.	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has minimum concrete clear cover, as specified per plan.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All of the reinforcing had the appropriate clear cover in accordance with the plans	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		2 inches of cover was achieved.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Checked multiple locations to ensure at least 2inch clear cover and found nothing out of spec	Conformance	2/26/2021 12:54:10 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Adequate clear cover the measured in the multiple locations.	Conformance	2/3/2021 8:08:16 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has a clear cover of 2 inches.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All rebar had a minimum of 2inches of space between it and the barrier forms	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All rebar had the minimum 2 inches on all necessary sides	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has clear cover of 2 inches.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was measured to be within tolerance of this specification.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has a clear cover of 2 inches.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was in accordance with plan sheets VLT-104 & VLT-105.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was maintained in accordance with this specification.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was not adequate for the conduit penetrations in the NW corner of the pad. Reference the pictures attached to comment #4.	Field Resolved	12/18/2020 11:02:03 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement including splices has clear cover of 2 inches.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement including splices has clear cover of 2 inches.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has a clear cover of 2 inches.	Conformance	2/5/2021 3:21:16 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has clear cover of 2 inches.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Dry run was performed and 2 inch cover was verified.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		moments before the pour it was observed by myself that some of the rebar did not have a minimum of 2" clear cover to the wall forms. this was field addressed and fixed prior to placement with epoxy coated chairs.	Field Resolved	5/5/2021 9:22:20 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		it was observed that all reinforcement had a minimum of 2" clear cover.	Conformance	5/5/2021 9:17:39 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has acceptable clearance	Conformance	7/29/2021 9:19:50 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		it was observed that all rebar had clear cover of 2 inches or more.	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing steel has a minimum cover of two inches.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has a clear cover of 2 inches.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, has a clear cover of 2 inches.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar had 2 inches of cover.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Merrifield found some reinforcing steel that did not have sufficient cover but the contractor adjusted the reinforcing steel.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementarily	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		The clear cover was in accordance with the plans and shop drawings. LSC-504 requires 1.5" of clear cover.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar appeared to have 2 inch cover prior to concrete placement.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Rebar placement was acceptable.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All partially embedded bars were left straight and not field bent	Conformance	3/12/2021 1:15:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded steel was not field bent.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No field bending.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM -07:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No bars were found to be field bent.	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM -07:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All of the embedded bars were not field bent.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded bars were manufactured bends. No bar was found to be field bent.	Conformance	3/20/2020 4:00:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All of the embedded steel at the top of the FFFS tank walls was bent by manufacturing processes. From visual inspection, no bars were visually field bent.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded projection dowels were not field bent.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded rebar projections for Pier 2 were not field bent. The crew was missing some of the projection bars. Two thirds of the placement was placed with projection bars that are cast in place while the other part used the corrugated metal sleeves.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All bars were bent during manufacturing. No field bent rebar was observed.	Conformance	6/4/2020 7:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded steel was not field bent.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The barrier rebar was cast into the cap. This rebar was not bent in the field	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All of the embedded bars surrounding the FFFS tank openings were bent by manufacturing processes. No field bent bars were observed in the placement.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded rebar was bent by manufactured methods.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded rebar for the masonry were not field bent.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		partial embedded bars were not field bent.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded steel was in conformance of the plans and shop drawings. No steel was bent cold.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded steel was not field bent.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		The embedded steel was not field bent.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		All embedded steel was bent during the manufacturing process.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was in conformance with the following items of the specification.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar matched the following criteria that is part of this specification. For more detail, reference plan sheet B050.472 and B050.473 (Center Pier Egress Door Details) Please see the attached photos of the rebar.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was in conformance of each of the following criteria for the details on Plan Sheet B050.473. Please see the attached pictures.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The following rebar criteria was followed in accordance with plan sheet EPF-101. Please see the attached photos.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was in accordance with the following information in this specification.	Conformance	9/17/2020 5:20:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all reinforcement was per plan	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars installed matched plans.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars installed matched plans.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar matched the RFC plans and shop drawings for the following criteria. Please see the attached pictures.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all reinforcement steel is in the correct locations, along with the correct reinforcement was used.	Conformance	9/30/2020 10:13:29 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The following criteria was in accordance with plan sheet EPF-102. Please reference the attached photos.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All reinforcing steel matched the RFC plans and shop drawings.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads	8/14/2020 4:30:49 PM -06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	8/10/2020 8:38:36 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Conformance	Conformance	9/23/2020 12:42:01 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Transverse #4 bars in bottom of soffit were 5', not 6' per plan. This was brought up to IQC prior to hold point inspection, and immediately addressed by production.	Field Resolved	8/21/2020 4:24:25 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars installed are the correctly match grade, size, locations, spacing and number of bars per the plans and shop drawings.	Conformance	8/31/2020 1:20:44 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The reinforcing steel matched the plans for the items in this specification.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars used had adequate spacing and all bars used were correct according to plan.	Conformance	7/16/2020 10:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		per my inspection all rebar sizes, grade, and locations matched the RFC drawings.	Conformance	8/27/2020 2:05:56 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar installation matched the plans.	Conformance	7/9/2020 8:16:19 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls	7/9/2020 4:52:58 PM -06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		highlighted in the pictures attached the rebar was not cut from the CIP wall before the coping was placed, leaving rebar sticking up from the coping which is not per plan.	NCR written issue addressed	10/1/2020 9:18:45 AM -06:00	NC-2	NCR 2176 was written to address this issue	Closed
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all rebar and placement of the rebar was in accordance with the plans	Conformance	7/27/2020 1:02:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Inspection prior to placement of forms and after IQC hold point, showed that the #4 ties were not alternated as shown on B010.113. This was discussed with IQC - Chris M. and Mike Lopez. Upon the second clarification with the EOR, the ties need to match the plans and the rebar was reworked to match the plans.	Field Resolved	7/21/2020 1:25:49 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Building	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars used were in the correct locations and were also the correct bars to be used according to the plans.	Conformance	7/12/2020 2:43:48 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the reinforcing steel was in conformance of the plans and shop drawings. Please reference the attached pictures.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All bars, location and spacing were measured and all are per plan.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		according to all plans every aspect of the reinforcements were per spec on the plans and shops.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		There was missing rebar in the placement. Please reference the plans attached. The rebar was added before the placement began.	Field Resolved	5/26/2020 1:53:13 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar that was present in pour #1 and #4 were in conformance of the plans and shop drawings. Please see the attached photos in comment #8.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location, and spacing as required on the plans.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars were installed per plans.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was inspected by EOR Dillon Beck. All of the rebar I checked was in conformance with the plans and shop drawings. The rebar couplers were not installed. They will be installed on May 20th due to a late shipment.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was installed in accordance with the RFC drawings. Rebar Shop drawings were not yet approved. Reference comment #12 for further shop drawing approval information. Please see the attached pictures.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size (#9), type, number of bars (24), location and spacing as required on the plans.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars and all requirements in respect to the reinforcements were meet per plan.	Conformance	7/16/2020 10:11:32 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Some transverse reinforcing steel in the top mat was the wrong grade. It required grade 75 but was grade 60. This was the second time this was found. It was found at the flared ends at the North side of Fillmore. CVI_Structures_Bridge Deck_zgill_263	Field Resolved	6/15/2020 7:01:06 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the rebar was in conformance of the Josephine Approach slab shop drawings. RFC drawings were not applicable. Please reference attached shop drawings and pictures.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The steel crew installed grade 60 bars at random locations while the plans called for grade 75. Also at the pre-inspection it was also noticed that bars were missing over the diaphragms at the east and west flared ends.	Field Resolved	6/10/2020 7:54:44 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar matched the plans. See attached pictures	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the rebar matched the plans and shop drawings. As described in Comment #2, some minor adjustments were required after the walk through. Please reference the attached pictures.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the rebar was in accordance with the plans and shop drawings. The deck and diaphragm rebar was inspected. Please reference the attached pictures. The placement #3 is related to RFC-470 from girders G48-2 to G63-2.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars were installed according to plans.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Spartan used the wrong steel originally. They removed all of the steel and reordered it. All of the rebar matched the plans for grade, size, number, location and spacing. Reference plan sheets WS204, BS087 & WS 210.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars were correct according to the plans.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		per TABLE 2 - SHOTCRETE LAGGING DATA, plan sheet WS208A all bar sizes, embedment lengths, and extensions were all meet.	Conformance	6/3/2020 7:42:04 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The steel for the diaphragms and deck were in conformance with the plans and shops drawings. The engineer Dillon Beck of WSP also conducted inspections for ensure all of the steel was included. Please see the attached photos related to the multiple inspections that were conducted.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All rebar in the placement matched the plans and shop drawings. Please see the attached pictures. The placement was for Pour #1 of Lift #2. Please see attached pour area.	Conformance	6/4/2020 7:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all rebar matched that shown in the plans.	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar cage was tied multiple times to ensure the location and spacing conformed to the plans and shop drawings.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the reinforcing steel was in conformance with plans and specifications. Please see the attached pictures.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar and layout were in conformance of the plans and shop drawings.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All of the reinforcing steel was tied in accordance with the plans and shop drawings besides the additional steel that was added around the construction joints. The rebar were bunched together and require additional space for concrete to flow. Please see the attached pictures and email string related to the field resolved issue. The field resolved issue will be verified before concrete is placed.	Field Resolved	3/20/2020 4:00:16 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Spartan had many struggles to get this steel tied in accordance with the plans. PC delayed the placement of concrete many times to ensure the rebar was correct.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	2/13/2020 2:33:22 PM - 07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The Department Field Assessor brought to the attention of Production/ PC/ IQC that there were a total of 8 missing #11 bars missing from within the structure. The concrete placement was ongoing when this was determined, however, these 8 bars were able to be installed. The bars installed were short by 18", and an FDC is to be created to address the splice length or need for couplers.	Field Resolved NCR 2005 Created and FDC written.	2/18/2020 11:57:44 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		This is a QCAT Field Issue Conversation. The construction joints were missing the appropriate projection steel. An NCR was developed with a leave as-is disposition. Please see the attached email string.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		<p>RFC Plans – only 3 shear ties are required by the plans to a distance twice the depth of the placement (3'0" out from the interior concrete wall face). Extra shear ties were used in the placement not required by the RFC plans. Plan Sheet #DLS3-04.</p> <p>Shop Drawings – Due to the 8" spacing of the top/bottom rebar mat, 6 shear ties (0", 8", 16", 24", 32" & 40") were placed to the minimum distance from the face (3'0" ft). The shop drawings depicted a shear tie at every intersection for a total of 7. Shop Drawing Plan Sheet #RP-F1-6.</p> <p>All other reinforcing steel was tied within conformance of the plans and specifications.</p>	This was verified with conversations with PC IQC KMP and designers	2/13/2020 1:44:44 PM -07:00	Audit Comment	KIC and IQC held a meeting with Isaac Anthony the EOR. The correct number of shear ties (6) were installed. The 7th bar shown on the shops were not needed and a mistake by a detailer.	Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was in conformance with the plans (B050.122) and Labato Shop Drawings. Please see attached plans and pictures.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, type, size, number of bars, and spacing as required on the plans.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar matched the following items in the specification.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grades, size, type, number of bars and location as required on the plans.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All rebar that was inspected matched the plans and shop drawings.	Conformance	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar that was checked was the appropriate grade, size and location. The number of bars was correct as required by the plans and shop drawings.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed reinforcing steel matches the grade, size, type, number of bars, location and spacing as shown on the plans.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar matches what is called out in the plans	Conformance	2/26/2021 12:58:00 PM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars matched the requirements shown in the plans.	Conformance	3/12/2021 1:19:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars all matched rebar called out in the plans	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		it was observed that all rebar reinforcement was installed per plan	Conformance	5/5/2021 9:19:55 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All rebar sizes were correct and locations/spacing were correct	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The following criteria match what was on the RFC plans and shop drawings. Please see the attached shop drawings and photos.	Conformance	2/3/2021 8:08:16 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The reinforcing steel was in accordance with the following specification. Reference Plan Sheets VLT-104 & VLT-105 of NDC-600. Please see the attached pictures.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		all bars and location of bars are in conformance with the plan sheet BS042 and M-606-13.	Conformance	3/12/2021 1:13:47 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The rebar was installed in accordance with the following requirements. Please reference plan sheets VLT-100, VLT-103 and FFH-209. Please reference the attached photos.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The following criteria on the plans (NDC-600) and shop drawings were followed. Please reference the attached pictures.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	12/4/2020 9:39:42 AM -07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		after the IQC inspection it was found the half the horizontal bars and 2 stirrups. In addition on the side faces number 4 bars were used where number 5 bar was needed.	Field Resolved	12/3/2020 9:08:46 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The placement was missing rebar at various areas around the conduit block outs. Reference plan sheet EPF-104. Please see attached photos.	Field Resolved	12/18/2020 11:02:03 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Dimensions between rebar and size of rebar were checked and found to be in compliance with plan sheet WS704	Conformance	2/16/2021 8:47:52 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		All bars met the requirements for size, locations, spacing, etc	Conformance	3/12/2021 1:15:14 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar placement appeared to be per plans and specifications.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		It was observed that all rebar matched spacing, size, and type as required in the plans.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	2/5/2021 3:21:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The installed bars match the grade, size, type, number of bars, location and spacing as required on the plans (B020.139, B020.139-A, B020.140, B020.140-A, B020.151).	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		it was observed that all bars installed matched the grade and plans	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match grade, size, number of bars, and spacing	Conformance	7/29/2021 9:19:50 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		it was observed that all bars matched the plans and locations.	Conformance	5/5/2021 9:17:39 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		it was observed that all reinforcement that was installed matched the plans.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		the isnatllled embedded bars were not installed per plan. The bars would not have adequate clear cover if used as is. IQC Procutcion and Myself had a field meeter and an NCR was wrote by production. (NCR2567 was wrote by production). the disposition was to cut the embeded A bars off and re-bend the embedded staight bars at the correct location and angle then tie in new A bars. disgned signed off on a 2'-9" lap splice length for the #7 bar. they had three bars that needed to be re-bend break during the process and it was agreed upon to chip the concrete down 13 inches and add mechanical couples to extend the par to the required height.	Field Resolved	3/25/2021 11:09:24 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The bars installed matched the RFC plans for grade, size and location. Please see the attached photos.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar appeared to be placed per plans and specifications.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as required on the plans.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bundled bars on the left and right of the junction box were missing. IQC and crews were notified and the bars were added.	Field Resolved	5/25/2021 2:56:49 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar appeared to be installed per plans.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All rebar was epoxy coated.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was placed.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The columns could be exposed to splash and therefore epoxy coated reinforcing steel was used.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Rebar used was epoxy coated	Conformance	2/16/2021 8:47:52 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	12/4/2020 9:39:42 AM -07:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		it was found after the rebar was signed off on from IQC it was found that the rebar needed to be epoxy coated and not black steel, since it was in the splash zone.	Field Resolved	12/3/2020 9:08:46 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The barrier, which is adjacent to a roadway, has epoxy coated reinforcing steel installed.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All reinforcing steel placed for the vault walls was epoxy coated.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All reinforcement was epoxy coated per requirements	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All rebar was epoxy coated for this barrier	Conformance	2/26/2021 12:58:00 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The concrete barrier rail has epoxy coated reinforcing steel in all places.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The pier cap is considered outside the splash zone and epoxy coated steel was not required.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All rebar that is included in the placement was epoxy coated.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	2/13/2020 2:33:22 PM - 07:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All reinforcement at Pier 2 Cap was epoxy-coated reinforcing steel per plan.	Conformance	2/13/2020 1:33:39 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The FFFS tank walls will be buried underground and are not affected by the splash zone.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		This is a wall cap between Sta 22+00 and 23+00 (Abutment 3 wall cap) (North West corner of Fillmore bridge headed West). The rebar in the plans are denoted by "N" so epoxy steel was not required on behalf of the splash zone.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The FFFS tank will be below grade so the concrete is not in the splash zone.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The pier 2 cap is not in the splash zone so epoxy coated steel was not required.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All of the steel included in this placement was epoxy coated.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		all bar used for the coping was epoxy coated bar.	Conformance	7/14/2020 12:14:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The only rebar that required the epoxy coating were the projection bars for barrier rail. Some of the placement had epoxy coated steel. Please reference the attached pictures in Comment #4	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The FFFS tank top is no subject to the splash zone.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All of the rebar was black steel in accordance with the drawings.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All bar used was epoxy coated.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The pump station is a water holding structure. All of the rebar was black steel in accordance with the Pump Station Spec 03 30 00.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		all reinforcing steel that was in the direction of S. Stapleton was epoxy coated bars, all reinforcing steel in the direction of main line was black steel since it is backfilled with dirt.	Conformance	10/1/2020 10:39:41 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All bars in deck were epoxy coated.	Conformance	8/21/2020 4:24:25 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Conformance	Conformance	9/23/2020 12:42:01 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The placement was black steel for the wall cap and epoxy steel for the barrier in accordance with the plans.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		the median barrier is in the splash zone and therefore all reinforcing steel was epoxy coated.	Conformance	9/30/2020 10:13:29 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The reinforcing steel on plan sheet FCST-300A is denoted by "N" for non-epoxy coated reinforcing steel.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated steel was used.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The egress doors areas will be in the splash zone. All the rebar in the placement was epoxy coated.	Conformance	9/17/2020 5:20:36 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The barrier is within the splash zone. The rebar was epoxy coated.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		The rebar in the following placement is in the splash zone. All rebar was epoxy coated.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were in conformance with the rebar shop drawings.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		all splices on epoxy coated #4 bars are at or above the 1'-10" minimum splice length. with the black steel #6 bar having splices at or above 2'10" in length.	Conformance	10/1/2020 10:40:27 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The projection steel had the appropriate lap slice for the future CIP vault walls.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at the locations shown on the plans.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Conformance	Conformance	9/23/2020 12:42:01 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads	8/14/2020 4:30:49 PM -06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	8/10/2020 8:38:36 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices were in accordance with the plans and shop drawings.	Conformance	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Not all splices followed the plans. The rebar around the blockouts had to be spliced instead of being the full length required by NDC-510 (Plan Sheet CAS-220). The Class "B" splice table was followed in the shop drawings. Please see attached pictures.	Addressed	7/28/2020 12:24:08 PM -06:00	Audit Comment	The class B splice table was reviewed by design. The splice locations should be updated in the as built.	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were the appropriate locations with the appropriate lap length.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Several lap splices at various locations were not lapped in a traditional manner. The projecting bar was offset 3-6" from the bar which was to be spliced on too. As a result crews had to shift bars to tie the splice together.	Field Resolved	6/10/2020 7:54:44 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Pump Station	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All of the splices were inspected were in conformance of the plans and specifications.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices were at the locations shown on the plans.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are located as shown on the plans.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were at the appropriate locations with the appropriate rebar in accordance with the plans and specifications.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All of the splices that were checked were in conformance with this specification.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were retied to ensure they were in conformance with the drawings.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were in conformance with the plans and shop drawings.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were in accordance of the shop drawings.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices that were measured were in accordance with the plans and shop drawings.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were tied in conformance with the plans and shop drawings.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices were in accordance with the plans and specifications	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splices matched the plans and shop drawings.	Conformance	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices were per plan.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		the spec calls out that lapped splices will be permitted only at locations where the concrete section is sufficient to provide a minimum clear distance of 2 inches between the splice and the nearest adjacent bar. The clearance to the surface of the concrete shall not be reduced. Therefore when the shaft had to have 3 extra foot added to it, where the bundled bars were lap spliced this was not the case any more. (see attached pictures). this was fixed in the field with mechanical couplers which were also staggered. The EOR did sign off on this fix prior to the cage being placed the next day.	Field Resolved	11/30/2020 2:59:10 PM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at the locations shown on the plans.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		The splice locations are in accordance with the following requirement.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at the locations shown on the plans.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the location shown on the plans.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices are at the locations shown on the plans.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		it was observed that all splices were in conformance with spacing defined in paragraph 10 of CDOT specification section 602.06	Conformance	5/5/2021 9:17:39 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices are at the locations shown on the plans.	Conformance	2/5/2021 3:21:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		All splices were located as shown on the plans.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared to be per plans and specifications.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All Splices are staggered and spaced at the required length	Conformance	7/29/2021 9:19:50 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		it was observed that all adjacent splices were staggered a minimum of the splice length apart.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices are in accordance with the following requirement.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		in the RFC details for the abutment it claims that all splices in a plan need to be staggered with the space between staggered splices be equal to the splice length of that bar. instead of replacing a 56' number 8 bar it was sufficient to add a mechanical coupler splice in the location were the splice didn't meet the staggered spec. (see picture attached)	Field Resolved	12/3/2020 9:10:01 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered in accordance with the plans and specifications.	Conformance	12/18/2020 11:02:03 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were acceptable.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM -07:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All rebar splices were found to be alternating with the appropriate lap splice.	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM -06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splices were staggered in accordance with the plans and specification.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	1/21/2020 4:05:53 PM -07:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The staggered rebar lap splice for the top reinforcing does not match the call out in the plans and shop drawings. The middle splice was tied in a line due to the rebar dimensions that were on the plans. From discussions with the Designer this is a Class B splice, so a staggered splice was not required. The configuration of the staggered lap splice should match the definition in ACI 318 and CRSI Engineering Technical Note ETN-D-2-13.	The staggered lap splices were not required because of the actual class of lap that was required. If this wasn't the case, then the staggered lap splice wouldn't have been achieved. PC/IQC should have verified prior to the pour. In this case, it worked out.	2/13/2020 2:08:27 PM -07:00	Audit Comment	This concern was discussed and addressed in a meeting on 1/14/2020 with the EOR and field crews. The splice lengths were installed lapped in the field but the design length of the bar landed the splices within 6" of each other	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Staggered splices were not required in this placement.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All splices were staggered to ensure they matched the plans.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All of the rebar that was visually inspected had the appropriate amount of splice length and was in the correct location according to the plans and shop drawings.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM - 06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splices were staggered in accordance with the plans and shop drawings.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splices were inspected to be conformance with the plans and shop drawings.	Conformance	6/4/2020 7:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered in deck.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All splices were in accordance with the plans and specifications	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls	6/25/2020 1:37:08 PM - 06:00	Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		embedded bars were measure to be 1'-7" in the plans epoxy coated #4 bar minimum splice length is to be 1'-10". to fix this problem they chipped out 3" back into the embedment and spliced new rebar in, refer to pictures.	Field Resolved	6/25/2020 11:34:18 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splices were at the appropriate location in conformance of the plans and specifications.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		all lap slices where staggered. splice lengths were either the correct length if not longer then specified. see attached pictures	Conformance	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The splice were at the appropriate locations in accordance with the appropriate splice length.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Adjacent splices were all staggered at least 1 splice length away.	Conformance	8/21/2020 4:24:25 PM -06:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		all splices are in locations specified on shop drawings with the lengths required for the bar size. Splices are adequately staggered in all areas.	Conformance	8/31/2020 1:20:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered at the appropriate location with the appropriate splice length.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		IQC MISSED THAT THE VERTICAL Z-BARS WERE NOT SPLICED WITH ANOTHER BAR, SEE PHOTOS. ISSUE WAS FIXED BEFORE CONCRETE PLACEMENT.	Field Resolved	6/25/2020 11:40:12 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cap Beams	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		the transverse steel with a 90 on one side and a hook on the other side on the top mat is #5 epoxy coated bar, which calls for a minimum of 2'-6" lap slice length, the shop drawings calls for 1'-6" minimum lap slice length. in the field one splice was 1'-2". IQC missed this in the initial inspection, It was discovered and fixed according to the shop drawing and is now 1'-6".	Field Resolved	7/27/2020 5:30:51 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		horizontal reinforcing rebar was all staggered in splices as per plan.	Conformance	10/1/2020 10:40:27 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered unless otherwise detailed on plans.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		All of the splices were at the approved locations on the plans.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		The rebar splices were staggered in accordance with this specification.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		No No. 14 or No. 18 bar was required in this placement.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Reinforcing bars No. 14 and No. 18 shall not be spliced by lapping, but shall be joined by butt welding...		No. 14 or 18 bars were not included in the placement.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		all rebar was supported off the ground using precast concrete blocks	Conformance	6/25/2020 11:38:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The rebar chairs were plastic in conformance with the submittal.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used to maintain the clear cover.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The rebar was supported off the falsework by plastic rebar chairs.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Epoxy coated rebar chairs were used around the outer edges between the secant wall shafts and the inside wall steel to maintain the 2" minimum clear cover. Please reference the pictures attached in Comment #4.	Conformanc e	3/20/2020 4:00:16 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar was supported with epoxy coated chairs.	Conformanc e	4/24/2020 8:55:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The contractor used precast concrete blocking on the bottom footing bars.	Conformanc e	7/2/2020 8:49:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used against the forms.	Conformanc e	6/4/2020 7:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Type B chairs were used and they were epoxy coated.	Conformanc e	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used to maintain the 2" of clear cover.	Conformanc e	4/20/2020 2:39:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The chairs were epoxy coated steel in accordance with this specification.	Conformanc e	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The bottom mat of steel was supported with concrete blocks.	Conformanc e	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used to supports the formwork off the rebar.	Conformanc e	3/24/2020 3:47:04 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Type B Plastic rebar chairs were used throughout.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocking was used as rebar supports for the moment slab.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Concrete dobies were used to support the placement.	Conformanc e	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used in this placement.	Conformanc e	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Mortar blocks were used to support the placement.	Conformanc e	1/4/2021 5:27:29 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were all epoxy coated or plastic chairs.	Conformanc e	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic rebar chairs were used in the placement	Conformanc e	9/17/2020 5:20:37 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		all chairs and ties were plastic coated since all the rebar is epoxy coated	Conformanc e	7/27/2020 1:02:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The rebar chairs were in accordance with this specification.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Blocking material was used to to support the bottom mat of reinforcing.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Conformance	Conformance	9/23/2020 12:42:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The crew used plastic rebar chairs to support the forms off the rebar and maintain clear cover.	Conformanc e	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The crew used plastic rebar chairs.	Conformanc e	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The rebar chairs were plastic coated in conformance with this specification.	Conformanc e	5/21/2020 8:15:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Epoxy coated chairs were used.	Conformanc e	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar support was precast blocking for the bottom mat and coated chairs for the top mat.	Conformanc e	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		The appropriate rebar chairs were present in the placement.	Conformanc e	6/30/2020 1:14:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Mortar blocks were used to support the rebar off the bottom of the excavation	Conformanc e	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports are made of plastic for epoxy coated rebar.	Conformanc e	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Concrete blocks were used to supports the rebar off the grade.	Conformanc e	2/3/2021 8:08:16 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocks were used to support the rebar cage.	Conformance	12/18/2020 11:02:03 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Concrete blocks were used on the mud mat to support the rebar mat off the bottom of the placement.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Mortar blocks were used to support the slab reinforcing off the bottom of the excavation.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Plastic and epoxy coated bar supports were used.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were acceptable.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Precast concrete blocking and coated reinforcing bar supports were used in the CBC floor.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	UPRR Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports are epoxy coated.	Conformanc e	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were as follows: All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)	Conformanc e	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		it was observed that all chairs used were epoxy coated.	Conformanc e	5/5/2021 9:22:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports are plastic coated steel.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Supports were acceptable.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For epoxy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Supports were acceptable.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to eliminate field damage and displacement.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded rebar was adequately protected throughout construction.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Embedded bars are adequately supported to eliminate field damage and displacement.		Fin wall rebar embedded into barrier is reinforced with horizontal bars and tied to forms to eliminate displacement	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded rebar was adequately supported and free of damage.	Conformance	6/15/2020 5:10:30 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded rebar for masonry was supported with the appropriate splice to ensure they were free of damage or displacement.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		All of the embedded steel for the sidewalks and railing were supported appropriately.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded rebar was free of field damage and displacement.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded bars adequately support and free of displacement.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded reinforcing steel for the pump station roof were supported appropriately and free of damage.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Bars embedded in the coping were adequately supported to eliminate damage and displacement.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		Instead of using a 2" galvanized corrugated metal pipe to set the epoxy #8 at 1ft O.C.. This bar was cast-in-place. Place sheet B050.142.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM -07:00	Embedded bars are adequately supported to eliminate field damage and displacement.		All embedded bars had the adequate support and free of damage.	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		The barrier epoxy coated rebar was supported tied and supported appropriately.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Embedded bars are adequately supported to eliminate field damage and displacement.		There were loose rebar consistently throughout the placement that were either loose or shifting from the proper position. After discussions with Tony McAplin, he noticed the same thing.	Addressed	5/29/2020 4:58:07 PM -06:00	Audit Comment	Acknowledged. IQC and PC will pay attention to tie wire placement during pre placement walks and future placement methods.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		All rebar projections around the FFFS tank opening were supported to ensure no damage or displacement would occur.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		All embedded rebar was adequately supported to minimize damage and displacement.	Conformance	3/20/2020 4:00:16 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded epoxy coated projection dowels were adequately supported.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		The projection steel and the corrugated sleeves were fixed in position. No visible displacement occurred.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Embedded bars are adequately supported to eliminate field damage and displacement.		The embedded bars that were at the top of the placement were adequately supported and free of damage or displacement.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Tying alternating intersections was appropriate for the placement.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All of the steel was tied at alternating intersections in accordance with the specifications.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The reinforcing steel was tied at alternating intersections in accordance with this specification.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied since the spacing between intersections was smaller than 1ft by 1ft square.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Due to the spacing of the steel, alternating intersections were tied.	Conformance	6/4/2020 7:39:13 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was 100% tied due to the spacing (18" x 12").	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections for the deck steel. Due to the large spacing, the diaphragms were tied at every intersection.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections in accordance with this specification.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		all bars were 100% tied.	Conformance	10/21/2020 7:42:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM - 07:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All intersection were tied appropriately.	Conformanc e	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections.	Conformanc e	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		were there were larger then 12 in spaces each reinforcement was tied at 100%. were spaces were less then 12 in reinforcements were tied at no less then 50%.	Conformanc e	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The ties were alternating.	Conformanc e	3/24/2020 3:47:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All the required rebar intersections were tied at the appropriate locations. 100% tie was not required.	Conformanc e	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Due to the close rebar spacing, alternate intersections were tied.	Conformanc e	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied in accordance with this spec.	Conformanc e	8/27/2020 2:07:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Due to the rebar spacing, all intersections were tied.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Due to the proximity of the block out and the amount of steel, every intersection was tied.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Each intersection was tied in accordance with the following specification.	Conformance	9/17/2020 5:20:37 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		since the spacing is at 16" and 18" all intersections were ties for the epoxy rebar. the black steel spacing was 6" and 18" so only 50% of the intersections were tied.	Conformance	10/1/2020 10:40:27 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was all tied properly.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections due to the spacing specified on the plans.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Due to the space of the rebar, alternating intersections were tied.	Conformance	9/28/2020 4:51:26 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was properly tied.	Conformance	8/21/2020 4:24:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections since the spacing was smaller than 1ft by 1ft in each direction.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied useless the space was larger than 1ft by 1ft. Then all intersections were tied.	Conformance	5/26/2020 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Bars were properly tied and supported.	Conformance	5/11/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement was tied at 100% of the intersections.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied due to rebar spacing.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	6/25/2020 1:37:08 PM -06:00	All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		since the spacing of the bars are over 12" it calls for 100% tie on rebar. there were multiple ties missing that myself and IQC noticed. This was fixed immediately after finding it.		10/1/2020 9:11:11 AM -06:00	Audit Comment	We will re-iterate with Spartan to adequately inspect prior to scheduling a hold point with the department or IQC	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections.	Conformance	9/21/2021 8:37:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Various bars were found in the mat that did not have adequate ties preventing them from displacing during concrete placement.	Field Resolved	6/10/2020 7:54:44 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The intersections were tied in accordance with this specification.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All tied rebar spacing at intersections per spec	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement is tied at all intersections.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Ties were acceptable.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied in accordance with this specification.	Conformance	10/20/2020 10:26:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternating intersections were tied in accordance with the following specification and plans. The rebar spacing was 10" max between bars in each direction.	Conformance	12/18/2020 11:02:03 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Rebar was tied properly at the spacing required	Conformance	2/16/2021 8:47:52 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		The rebar was tied at alternating intersections following this requirement.	Conformance	7/12/2021 3:29:28 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Ties were placed at alternating intersections and appeared acceptable.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Alternate intersections were tied due to spacing of less than 1 foot in each direction.	Conformance	7/23/2021 1:04:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcement is tied at all intersections.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Rebar was tied at alternating intersections.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at every intersection.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement is tied at all intersections.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Rebar was tied at alternating intersections.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		Ties were placed by hand and appeared acceptable.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All reinforcing steel was tied by hand.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied by hand.	Conformance	5/8/2020 4:21:40 PM -06:00	C		Closed

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Central 70	C 0704-241	Electrical	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The reinforcing steel was tied by hand.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All rebar was tied by hand.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All rebar present in the placement was tied by hand.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied by hand. No automatic tying devices were observed.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The pier cap was manually tied. No automated devices were used.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM -06:00	Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All of the rebar was tied manually.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/21/2020 4:08:14 PM -07:00	Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The steel was tied by hand. No mechanical methods were used.	Conformance	1/21/2020 12:59:09 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied by hand. No automated devices were used.	Conformance	4/3/2020 10:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All of the reinforcing steel was tied by hand.	Conformance	3/31/2020 7:37:50 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied by hand as well as with automated devices.	Conformance	6/4/2020 7:39:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The placement was manually tied.	Conformance	4/22/2020 7:26:09 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		All of the reinforcing steel was tied by hand.	Conformance	3/31/2020 7:38:45 AM -06:00	C		Closed

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Central 70	C 0704-241	Pump Station	Cover	2/18/2020 12:00:00 AM - 07:00	Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		The rebar was tied by hand and not mechanically.	Conformance	2/18/2020 4:35:53 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All ties and supports were epoxy coated to match bars.	Conformance	4/24/2020 8:55:39 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM - 06:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		From my inspections, all of the supports and ties I observed were epoxy coated.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All rebar, ties and chairs were epoxy coated.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		everywhere that epoxy bars were used, appropriate epoxy coated ties, and supports were used.	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All ties that were used to support the epoxy coated steel was plastic coated tie wire.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM - 07:00	If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated tie wire and rebar supports are being used.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All rebars, supports and ties were epoxy coated.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All rebar and ties were epoxy coated.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		all form spacer chairs were plastic. all rebar chairs to keep spacing from the black steel to the epoxy steel were epoxy coated.	Conformance	10/1/2020 10:40:27 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		The rebar chairs were plastic and steel which were epoxy coated.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Tie wire and supports are epoxy coated.	Conformanc e	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All the epoxy coated reinforcing steel was tied with epoxy coated tie wire.	Conformanc e	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Supports were epoxy coated.	Conformanc e	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All supports and ties are epoxy coated	Conformanc e	2/26/2021 12:58:01 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All supports and ties are plastic or plastic coated.	Conformanc e	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructu re	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated ties were placed.	Conformanc e	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Substructu re	Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar is being used so all supports and ties are plastic or epoxy coated.	Conformanc e	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All tie wire and supports are epoxy coated.	Conformanc e	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated reinforcing steel bar supports are being used.	Conformanc e	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundatio ns	Signing & Striping		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was being used- all supports, ties, and splicers used were plastic or epoxy coated.	Conformanc e	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Bar supports between the reinforcing and the forms are made of plastic or are epoxy coated.	Conformanc e	2/8/2021 2:25:48 PM -07:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All supports and tie wire was epoxy coated.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Bars were free of damage. Any damaged areas were repaired.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		it was observed that all epoxy coated bars were free of any damages prior and during placement of concrete.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All bars are epoxy coated as required and free of any defects.	Conformance	3/12/2021 1:15:14 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage of any kind.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage to the epoxy coating. (no cracks, flaking, chips, etc.)	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I observed no damage to the epoxy coating.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage to the epoxy coating.	Conformance	6/29/2021 10:55:02 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I looked at the rebar cages prior to and after placement and observed no damage to the epoxy coating.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was clean and free of damaged.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy bars are all free from damage.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Materials were acceptable.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I did not see any damaged epoxy coated bars installed in the concrete barrier.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated reinforcing steel was free of damage.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Rebar was acceptable.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		I observed no epoxy coated bars that are damaged.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	UPRR Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damaged and a few that were cut to fit had the epoxy repaired.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated bar was free of damage.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated steel was free of damage.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy was free of damage.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All of the reinforcing steel was epoxy coated and free of damage.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All epoxy rebar was free of damage.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated bars were free of damage.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All epoxy bars are free from damage to the epoxy coating.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The epoxy coated steel was free of damage.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars are free from damage to the epoxy coating.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy bars are free of damage to the coating.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		everywhere that the epoxy reinforcement were chipped or damaged a spray on epoxy was used.	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM -06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		The stirrup ties/ rabbit ears were cut and bent down to meet the minimum clear cover. All cut or damaged rebar was painted with epoxy paint.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Some of the rebar was cut and painted with approved epoxy paint before the final inspection of the rebar.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed

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Central 70	C 0704-241	Approach Slabs	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		All damaged areas were repaired with a spray epoxy from the approved products list.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		all cut rebar's ends were not coated with epoxy spray, IQC and foreman was notified and the situation was handled before concrete placement.	Field Resolved	6/25/2020 11:38:18 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Most of the epoxy coated bars were free of damage. Any steel that was cut or the epoxy that was chipped was cover with epoxy paint to the approved standard.	Conformance	6/4/2020 7:39:13 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		all bars used were coated with epoxy	Conformance	10/21/2020 7:42:51 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures	12/19/2019 2:55:53 PM -07:00	Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Fully coated rebar supports are being used in the barrier rail.	Conformance	12/19/2019 9:19:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		The epoxy coated projection bars were supported to ensure they did not come into contact with black steel.	Conformance	1/7/2020 4:52:04 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy coated bars were chaired with epoxy coated or plastic chairs.	Conformance	8/21/2020 4:24:26 PM -06:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		All of the items included in this placement were epoxy coated.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Supports were epoxy coated.	Conformance	1/18/2021 9:11:23 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Plastic supports are being used in the column.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Supports appeared acceptable.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy coated chairs were used.	Conformance	3/9/2021 3:55:47 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Minor damage to epoxy coated rebar was repaired with approved spray coating.	Conformance	9/28/2021 9:39:00 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	UPRR Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		I observed no damage to the epoxy coating so no repairs were needed.	Conformance	6/28/2021 7:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Prior to pour, all epoxy damage was repaired adequately	Conformance	3/9/2021 1:18:27 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		All chipped epoxy on rebar was fixed prior to the start of paving	Conformance	2/16/2021 8:47:52 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Minor damage of epoxy bars was repaired with approved coating.	Conformance	8/31/2021 9:36:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	UPRR Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Damaged (cut) epoxy bars were repaired by an approved method and with material from the approved products list.	Conformance	8/10/2021 10:32:49 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		All cut rebar was repaired with the approved method. The epoxy paint was approved.	Conformance	8/27/2020 3:31:20 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Any cut rebar was repaired in accordance with the approved method.	Conformance	8/27/2020 3:42:08 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM -06:00	Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		The damage rebar in comment #11 was repaired using an approved method.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM -06:00	In concrete bridge decks the upper mat of bars shall be tied to the lower mat of bars at 4 foot maximum spacing in each direction.		There was only one mat of reinforcing.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		In concrete bridge decks the upper mat of bars shall be tied to the lower mat of bars at 4 foot maximum spacing in each direction.		The upper mat of rebar was tied to the lower mat to prevent shifting during the pour.	Conformance	5/6/2020 1:15:29 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		The chairs were placed in conformance of this specification.	Conformance	5/21/2020 8:15:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		high chairs and slab bolsters for the top and bottom mat's were at a spacing of less than 4 foot, multiple locations were checked.	Conformance	7/16/2020 10:11:32 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		Slab bolsters were installed in mat every 4 feet.	Conformance	11/3/2020 2:17:00 PM -07:00	C		Closed

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Central 70	C 0704-241	Bridge Deck	Structures		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		Slab bolsters were spaced at maximum 4 feet.	Conformance	8/21/2020 4:24:26 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	4/30/2020 11:58:54 AM - 06:00	Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		The slab bolsters were measured to be 4ft on center.	Conformance	4/29/2020 5:04:09 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		The slab supports were spaced at 4 foot on center. Please reference the pictures attached to the assessment.	Conformance	6/4/2020 7:39:13 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/13/2020 12:00:00 AM - 06:00	Slab bolsters for the bottom mat and high chairs for the top mat shall each be placed at a maximum spacing of 4 feet on centers.		The slab bolsters were spaced at 4ft OC in conformance with this specification.	Conformance	5/14/2020 1:31:05 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/16/2019 4:15:21 PM - 07:00	a. The TCP shall generally include all lane and shoulder configurations, including widths, traffic control signing, pavement markings, traffic control devices, temporary signalization, construction access, construction parking, emergency access, work areas, lighting, and pedestrian/bicycle movements necessary for each construction phase		A construction access exists where there ought to be an emergency pull-off on I-70 mainline westbound at about Forest Street. There is no such construction access shown on the plans.	NCR Created	1/21/2020 1:22:18 PM -07:00	NC-2	NCR 1859 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork	4/6/2020 4:27:24 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>Per Sheet 11 of 13 within Abutment 1 Shoring Package, Section A/11/11 Calls for 1,200 psi minimum flow fill is called for. Materials furnished to match this data has not been verified. Please provide reports / concrete breaks for this area.</p> <p>Additionally, revised Sheet 6 of 13, which has not been submitted, calls for a minimum concrete strength as well. This material information cannot be located. Please provide to verify minimum strength was met.</p>	NCR 1856 should include information on corrective action to prevent recurrence. When concrete strength is specified, KMP needs to provide testing data to ensure that the concrete strength is met. Moving forward, KMP is expected to perform and provide testing data when concrete strength is specified, even for temporary works.	9/1/2020 3:14:16 PM -06:00	Audit Comment	UPDATE 6/25/20 it is my understanding that the shoring concerns have been addressed. The Flow fill didn't requirement and documentation was not available. IQC and KIE have inspected and verified the performance of the shoring.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/20/2019 10:26:30 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Shop drawings were submitted Oct 2018.	Conformance	12/16/2019 3:42:50 PM -07:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	12/13/2019 10:22:45 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		We have concerns that the 36" diameter casing installed is not large enough to fit a 24" RCP as shown on Plan Sheet DR-023.		12/28/2019 11:17:21 AM -07:00	Audit Comment	Restricted activity 77 was performed for this change.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/16/2019 4:14:25 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The department has concerns that the carrier pipe used in jack and bore operation will not be large enough to carry the 48" RCP called out in plans.	See Restricted Activity 91	1/28/2020 6:53:45 AM -07:00	Audit Comment	An FDC 000249 was submitted to use Hobas pipe.	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	12/10/2019 2:19:17 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The concrete median barrier glare screen section was not poured monolithically with the remainder of the barrier, even though there was not a transition section for a lighting/sign foundation and it was not poured underneath a bridge.	The section with the construction joint was removed and replaced.	12/19/2019 9:15:56 AM -07:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/6/2019 12:27:32 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Closure of the WB Central Park On Ramp conflicted with the detour route for closing the EB Quebec Off Ramp. Both ramps were closed during the night of 22 November.	See NCR 1774	12/20/2019 8:09:47 AM -07:00	NC-2	NCR 1774 created	Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All temporary concrete barrier has been removed.	Conformance	1/21/2020 1:04:41 PM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All conduit installed as required and in accordance with CDOT standards and specifications	Conformance	6/25/2021 5:47:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS ramp metering system installed per CDOT specifications and all standards have been followed. RMS installed per plan on Sheet RMP-003.	Conformance	6/18/2021 2:39:28 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		light poles installed per plan	Conformance	4/14/2020 12:27:07 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		2 Streetlights installed per plan sheet LI-018 between Forest and Glencoe. Poles installed on wood power poles.	Conformance	8/14/2020 3:17:27 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlight installed per plan sheet LI-015.	Conformance	8/25/2020 9:27:51 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Light installed per plan	Conformance	7/2/2020 8:00:09 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was performed to the line and grades of the plans.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per plan	Conformance	6/4/2020 7:41:56 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reinforcing steel is spaced according to EV Studios sheet (WS406-SN) dated 9/25/2019 from Aconex submittal (CDOT-TRN-016439). Front Face Horizontal bars are #4 continuous are 12" on center with 2" lap min.	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reinforcing steel is spaced according to EV Studios sheet (WS406-SN) dated 9/25/2019 from Aconex submittal (CDOT-TRN-016439). Vertical hoops are 12" on center.	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Cap dimension are installed per plan according to EV Studios sheets dated 9/25/2019 from Aconex submittal (CDOT-TRN-016439).	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT was implemented according to plans.	Conformance	1/22/2020 8:14:23 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	6/16/2020 12:04:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	12/28/2019 2:08:20 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The PT bar grout caps do not follow the plans at the Clayton Bridge. The PT bar was cut flush with the face of the girder after the grout cap was poured. The PT bar is exposed to the elements. Please reference the attachment.	We closed this audit due to the fact that it was the grout tube that was visible and not the PT bar.	2/13/2020 12:08:10 PM -07:00	NC-2	NCR 1866 was written to address this issue	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	1/6/2020 4:01:00 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier end was not constructed with end anchorage rebar layout specified on CDOT M&S M-606-13.	See NCR 1879	2/10/2020 4:31:52 PM -07:00	NC-2	NCR 1879 was written to track this issue	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/22/2020 11:45:30 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		No buffer zone was created within work zone.	See NCR 1931	3/20/2020 10:43:20 AM -06:00	NC-2	NCR 1931 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal	1/16/2020 2:26:34 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan sheets RD-026 and RD-027 state that the existing concrete median barrier be retained from Sta. 2280+60 to Sta. 2301+50, but this is not the condition in the field. The existing concrete median barrier starts at Sta. 2280+60 and continues to Sta. 2298+25 +/-, where new concrete median barrier starts and continues to Sta. 2299+10 +/-, where there is a leave out for the sign foundation transition. The new concrete median barrier picks up at Sta. 2299+84 +/- and continues to Sta. 2300+34 +/-, where it ties into existing concrete median barrier. New concrete median barrier picks up at Sta. 2301+29 +/- and continues to Peoria other than leave outs for transition sections. Plans sheets are attached, red highlighting indicates the existing median barrier and yellow highlighting indicates the new median barrier.	NDC to be released that will address the issue.	2/10/2020 1:54:46 PM -07:00	Audit Comment	NDC-000189 will change the drawings to address the leave out conflict.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT M&S Standard M-613-1 states, "Where foundation is located in the sidewalk, the top of the foundation shall be flush with the top of the sidewalk conforming to ADA requirements." Light pole in sidewalk on N Stapleton at approximately STA 6092 does not conform to standards.	Conformance	1/6/2020 10:10:09 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/8/2020 7:52:04 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Traffic was switched to a configuration that was not detailed in MOT sheets, approved through the TCR process, or submitted as an MHT.	See NCR 1909	1/30/2020 5:42:30 AM -07:00	NC-2	NCR 1909 Created	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/9/2020 2:20:28 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Manufacturer Installation Guide for the PS WaterStop Gaskets details that nonshrink grout is to be placed on both the inside and outside of the gasket connection to the structure. Sandbags are currently being used to cover the outside of the pipe to manhole connection, preventing the use of grout to seal outside of connection. Sandbags also penetrate through gap between edge of gasket and edge of structure hole.	See NCR 1960	2/19/2020 9:44:09 AM -07:00	NC-2	NCR 1983 was written to track all HP pipe gasket connection concerns	Closed

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Central 70	C 0704-241	Barrier Walls	Roadway	1/9/2020 2:21:28 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Multiple median barrier transitions do not meet the specifications of plan sheets RDDT-002 and RDDT-003. Additionally, multiple sections of glare screen were poured non-monolithically outside of the transition areas.	NCR was written to track the issue.	2/10/2020 6:35:15 AM -07:00	NC-2	NCR 1995 was written to address this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work conforms to lines and grades on the plans.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 11:47:08 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		TCR 49 details that the detour constructed will be 313.9 ft. Distance measured in the field was approximately 115 ft. The shortened length has caused truck traffic to drive on right shoulder as they travel through the detour to prevent trailer from striking left hand barrier.	See NCR 1846	2/3/2020 10:41:50 AM -07:00	NC-2	NCR-1946 Created	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit installed per plan	Conformance	4/9/2020 7:47:52 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		foundations installed per plan	Conformance	6/24/2020 2:27:26 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		RMS is installed per plans. All requirements for install of caissons/poles/traffic signal heads/signs installed per plan.	Conformance	1/4/2021 9:06:29 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	4/14/2020 12:24:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Verified the correct number of conduit, The Correct size of each conduit, The orientation of each conduit within the encasement profile, Verified the conduits from Cover Power Conduit Schedule Sheets 1-4	Conformance	3/16/2020 6:44:18 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM -07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		LS-043 calls out to match paving on the north side of the sidewalk, however after meeting with the department, an RFI is to be submitted on this property to change the landscaping plans.	See FDC-000274	3/20/2020 10:56:24 AM -06:00	Audit Comment	An RFI is being submitted to close the loop on what changes need to happen.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		P-MH-QBS514 was changed from 42" to a 48" inch RCP. In order to fit the new pipe into IN-D-QBS515, the inlet opening had to be modified. During modifications, the hoop reinforcing for the pipe opening was removed, and rebar from the inlet was exposed, up to approximately 2". After field meeting with Tyler Stone, PC, and IQC, this inlet will be removed and replaced, and NRC will be issued in SmartSheet.	Field Resolved	4/2/2020 6:52:27 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/30/2020 4:58:45 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 129 was used on EB I-70 at the Colorado Off Ramp during the night shift of 22-23 March incorrectly. MHT 129 and 129a both provide VMS and/or advance warning signage for this MHT. Neither were implemented. TMA and UTC vehicles were also observed as completely stopped from 11:10-11:18PM. During this stoppage, multiple people left their vehicles to approach the TMAs and UTCs.	See Smartsheet NCR 0060, KieTrac NCR 2050	4/8/2020 12:02:32 PM -06:00	NC-2	NCR 0060 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MSE straps to be deflected and installed underneath HP pipe run on the north side of the 509 -W1 were not installed prior to HP pipe being installed. After meeting with IQC, MSE Superintendent, and Drainage Foreman, it was decided that the pipe would be removed and the straps installed over night shift 23-24 March. The pipe was removed, and the straps were properly deflected during day shift 24 March.	Field Resolved	3/27/2020 3:17:37 PM -06:00	Field Resolved		Closed

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Central 70	C 0704-241	Drainage Structures	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>A CDOT Slab Base manhole was cast in place on 3/17/20. The CDOT M&S (604-20) only covers manholes 20' or less but manhole MH-QBER111 is called out on the drainage plans as being over 20'. A design for slab base manholes greater than 20' has not been submitted. The above manhole was cast on 3/17/20.</p> <p>Observations if the crew was trying to follow the M&S Standard: In looking at the IQC inspection it also appears that the rebar did not follow the M&S standard. The CDOT standard called for the bars in the base to be continuous U-bars, the IQC checklist shows that the crew used L-bars and created a splice in the base.</p> <p>After discussions with IQC all of the above will be documented under an NCR.</p>	Field Resolved	4/1/2020 7:38:39 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reinforcing steel had to be bent into proper location to ensure that the 10M barrier could be placed and proper concrete coverage could be achieved. This was discussed with IQC and PC. PC immediately addressed this for the pour on 5/9/2020. The vertical steel for the 10M barrier would have been outside of the location of the forms.	Field Resolved	5/14/2020 4:38:21 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage	3/31/2020 4:57:47 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		After talking with crew foreman, their plan was to jack HP pipe. DP-260 calls for RCP pipe.	Materials were updated in plans	4/23/2020 1:03:00 PM -06:00	Audit Comment	The updated Jack and Bore plan was submitted with the Safety critical	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Safeway Bottling at Leyden & Stapleton N: On the east corner of Leyden another offsite drainage system was discovered coming from the Safeway Bottling property. The drainage is currently tied into the back of an existing drainage box and the plans do not show how to tie this system into the designed system.	047 was created	4/16/2020 11:31:15 AM -06:00	Audit Comment	Expedited NCR 047 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Monaco NW Corner at Safeway Bottling: An offsite system was not shown on the plans and the method to connect it to the permanent drainage system was not shown on the plans. The offsite system appeared to be SDR pipe. Crews were found installing a run of pipe from the existing pipe to tie the offsite system into the top of the new 23"x14" Elliptical pipe. The drainage team did not have plans or hold a restricted activity prior to installation. The drainage team was planning to write an NCR after the install to get it processed through an FDC. Attached are photos along with the plan sheets for this location.	ENCR 047	12/3/2020 2:53:20 PM -07:00	NC-2	ENCR 047 was written to address this issue	Closed

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Central 70	C 0704-241	ITS	Electrical	3/13/2020 11:02:22 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per sheet ITSDT-28 the detail shows the bolt holding the pole base to the breakaway base being installed from the top with the washer and nuts on the bottom inside the breakaway base. The bolts and nuts were installed backwards. All other recently installed ITS poles needs to be checked also. After speaking with Chris Wilson in the field, he assured me that the bolts would be removed and installed correctly.	Field Resolved	3/13/2020 10:13:34 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical	3/15/2020 4:00:30 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During an assessment of the pull boxes and conduits designed in the RFC plans for the ITS site on EB I-70 near Station 2316, it was identified that the field conditions do not meet the RFC design. Examples: Pull box lids and utility markers (power vs. comm), qty/size of conduits anticipated at each location, locations of cabinets and pull boxes. See also DVR RFC East ITS_000_LDavenport_75 for reference. The attachment is primarily for the DVR audit, but the first two pages were also used as a reference against the field	Acceptable response.	9/9/2020 12:15:51 PM -06:00	Audit Comment	Please see SECo conducted audit of toll point at 2316+28. Items noted in green are installed per ITSDT drawings for toll point locations. One conduit run from the toll plaza electric Type 4 pull box directly to the UPS cabinet is missing. Conduit was installed per ITSDT-47	Closed



						conditions.				REV.01 (NDC-0000084) which has since been revised in NDC-000470 to comply with PA requirements. The conduit from toll electric pull box to the UPS cabinet will be installed when SECo replaces the type 332 Tolling UPS cabinet base with a Type 332D cabinet base as part of ECN-055 work once fully executed. The SECo As-Built audit confirms that (4 EA) pull boxes were installed which matches the updated drawings included in NDC-000470
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was performed to grade, cross sections and dimension.	Conformance	6/18/2020 10:20:45 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/5/2020 8:40:25 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Grout blocks and mortar were used to complete proper pipe penetration on inlet. Pipe penetrations did not hit the center of the wall on the drainage inlet. Penetrations were made at the corner of the box affecting the corner reinforcement	See Smartsheet NCR 0043	3/31/2020 4:44:42 PM -06:00	NC-2	Expedited NCR 043 was written to address this issue. The disposition will be remove and replace. In addition a ALL drainage Quality stand down was held to address reoccurring field issues.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		A field restricted activity meet was held at North Stapleton and Dahila on Tuesday, March 3rd 2020 and all parties agreed that CDOT, CCD ITS and Signals and power crossings would be all installed in a joint trench and later captured in an FDC. It was decided that CCD's signal conduit would be installed above the CDOT backbone duct bank. Upon arriving on site on Wednesday, March 4th, it was noticed that the CCD backbone conduit was not installed in the backbone duct bank as it had been throughout the rest of the project. Phone calls were made to Sturgeon and CCD management and it was determined that the 2" green backbone conduit should be added to the duct bank. Sturgeon promptly added the conduit to the trench. Field resolution process worked efficiently.	Issue was resolved in the field.	3/5/2020 8:37:32 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/6/2020 3:47:03 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		LCR Update details that the Havana closure was to be a MHT 111. This was not implement. MHT 111 applies only to normal right lane closures on thru streets. The closure set was on an auxiliary entrance/exit lane to a local road.	See Smartsheet NCR 0013	4/8/2020 11:57:11 AM -06:00	NC-2	NCR 0013 created	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/18/2020 12:03:41 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 129 states that rolling slowdown must maintain minimum speed of 5mph. TMA and UTC vehicles were observed being completely stopped from 3:27AM-3:39AM. No VMB was placed 1 day prior to mobile operations.	See NCR 2012	3/9/2020 9:54:19 AM -06:00	NC-2	NCR 2012 was generated to address this issue	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting installed per plan sheets LI-13 and LI-14.	Conformance	6/18/2020 6:20:53 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlight poles installed per plan sheet LI-014.	Conformance	6/24/2020 8:19:11 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlight installed per plan sheet LI-015.	Conformance	6/24/2020 8:19:32 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sidewalk placed on josephine bridge was per plan/grade.	Conformance	10/1/2020 10:45:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per plan	Conformance	6/4/2020 7:41:26 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 11/16" for girder 2C2 and the plan drawing camber is 2". This is in tolerance using the AREMA formula $\{(1/16") \times (137'-10 15/16"/10)\}$, which is .862", and the difference between plan and shop drawings is .3125".	Conformance	5/8/2020 3:41:12 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:41:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2C2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 3:41:12 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		SMVMS was installed per plan sheet SSTR-49.	Conformance	4/29/2020 8:10:43 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Duct bank was installed per detail on plan sheet ITSdT-05.	Conformance	4/22/2020 10:31:27 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:05 AM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:40:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:05 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3H2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:08:39 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:05 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 7/16" for girder 3H2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .8125".	Conformance	5/6/2020 1:40:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:33 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3M2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:09:07 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:33 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:41:11 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:33 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3M2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16")^* (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .750".	Conformance	5/6/2020 1:41:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3P2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:09:32 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 5/16" for girder 3P2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .6875".	Conformance	5/6/2020 1:49:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:49:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 2:52:06 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2C3 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 2:52:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 2C3 and the plan drawing camber is 1 11/16", which is incorrectly listed on the traveler papers as 1 5/8". This is in tolerance using the AREMA formula $\{(1/16")^* (137.9115/10)\}$, which equals .862", and the difference between plan and shop drawings is .500".	Conformance	5/8/2020 2:52:06 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	4/21/2020 4:51:57 PM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 2D3 and the plan drawing camber is 1 11/16" (incorrectly listed on the shop drawing as 1 5/8"). This is in tolerance using the AREMA formula $\{(1/16")^* (137.9115/10)\}$, which is .8619", and the difference between plan and shop drawings is .500".	Conformance	4/21/2020 4:31:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	4/21/2020 4:51:57 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 2D3 is 137'-10 5/8" and the plan length is 137'-10 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and also out of tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Center line of bearing to center line of bearing plus end rotation of plus 5/8" put the girder length in tolerance.	4/22/2020 9:47:11 AM -06:00	NC-2		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:46 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:25:42 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:46 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3F3 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:06:41 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:46 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 3F3 and the plan drawing camber is 1 3/4" (listed as 1 5/8" on the shop drawing). This is in tolerance using the AREMA formula $\{(1/16")^* (136.0573/10)\}$, which is .850", and the difference between plan and shop drawings is .375".	Conformance	5/6/2020 1:25:42 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	4/21/2020 4:52:34 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3K2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Center line of bearing to center line of bearing plus end rotation puts the girder length in tolerance.	4/22/2020 9:49:03 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	4/21/2020 4:52:34 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3K2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16")^* (136.163/10)\}$, which is .851", and the difference between plan and shop drawings is .750".	Conformance	4/21/2020 4:38:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:15 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3B2 and the plan drawing camber is 1 3/4" (incorrectly listed at 1 5/8" on the shop drawing). This is in tolerance using the AREMA formula $\{(1/16")^* (136.163/10)\}$, which is .851", and the difference between plan and shop drawings is .625".	Conformance	5/6/2020 1:33:22 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:15 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:33:22 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:43 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:34:30 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:43 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3B3 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:07:29 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:43 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 3B3 and the plan drawing camber is 1 3/4" (incorrectly listed at 1 5/8" on the shop drawings). This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .438".	Conformance	5/6/2020 1:34:30 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3C3 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .750".	Conformance	5/6/2020 1:36:41 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3C3 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:07:51 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:36:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:39 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:39 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 7/16" for girder 3F2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .850", and the difference between plan and shop drawings is .8125".	Conformance	5/6/2020 1:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:15 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3B2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:07:06 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:39 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3F2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:08:12 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Substructure	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The abutment appeared to be adequately staked and had offsets, and the dimensions and material requirements met the contract specifications.	Conformance	7/2/2020 8:49:01 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlights installed Per Plans sheet LI-018. Streetlights installed on wood power poles.	Conformance	6/24/2020 9:54:27 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		lights installed per plan	Conformance	6/25/2020 11:40:43 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	12/4/2020 9:03:54 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit installed per plan	Conformance	12/4/2020 9:04:15 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	6/18/2020 10:18:04 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Street light foundations installed per plan sheet LI-009 in sidewalk.	Conformance	12/9/2020 2:56:03 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the contract.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The lights were oriented in the wrong direction for the EB Traffic side of the Temporary Construction Phase. This was verified with the WSP lighting model for the temporary phase. The Sturgeon crew fixed the orientation of the lights before the assemblies were hung. Please see the attached QCAT Field Resolution email chain.	Field Resolved	4/16/2020 3:14:49 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		connection completed per plan, approved by DWD	Conformance	6/10/2020 7:12:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		A 307 - fasteners were used per the plans, with lock washers and nuts.	Conformance	5/11/2020 11:12:09 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		4" split duct casing was installed per plan	Conformance	5/11/2020 11:12:09 AM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		BNSF conduit was installed per plan	Conformance	5/11/2020 11:12:09 AM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The crew is using a paddle mixer to mix soil 15' down from grade. The soil mixing is being performed on West side of Clayton St bridge in Cover section. The work area is between columns P2-50 through P-63. A total of 18 soil sections were completed during today's observation. All of the lines and grades were followed throughout my days of observation. Please see my attached pictures and the soil mixing configuration.	Conformance	4/7/2020 2:53:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:16 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:23:46 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:16 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length of girder 3A2 is 136'-0 11/16" and the plan drawing length is 136'-0 15/16" which is out of tolerance for AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but is in tolerance for "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:06:11 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:16 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber for girder 3A2 is 2.5625" and the plan sheet camber is 1.750". According to the AREMA formula of $\{(1/16") * (136.0573/10)\}$ which equals 0.850 variation, the camber is in at .8125" difference.	Conformance	5/6/2020 1:23:46 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier was removed from 2506.	Conformance	5/11/2020 10:58:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	6/16/2020 12:05:09 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All of the grades, lines and dimensions were in accordance with the plans and shop drawings. The coping was placed from the expansion joint at drilled shaft A3-15/A3-16 50ft moving to the East. There were two eyelets cast into the each section of coping. To ensure the coping matched the face of the abutment expansion. The eyelets were cut. The cut rebar was covered with epoxy paint before the wall coping was installed. The eyelets will be removed from future coping pieces. This field resolved issue was generated to ensure everyone agrees with the painted coating on these 5 pieces of coping. Please reference the email and photos attached.	Field Resolved	4/4/2020 4:04:08 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed conformed to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the Contract.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Installed per plans	Conformance	10/1/2020 10:43:05 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All electrical conduit from Steele/Vazquez to the Cook St. bridge is installed as required per CDOT standard specifications.	Conformance	7/24/2020 3:37:09 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	3/3/2021 1:17:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	9/23/2020 12:42:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The valves and manhole elevations were too high when paving began. The asphalt around those areas had to be removed full depth to ensure they could be adjusted. The placement of the mix was considered permanent. Due to the removal around the valves and manholes. The pavement is considered temporary and will be removed at a later date. Please reference the attached pictures.	After discussions with Kevin Smith of CCD, this response is adequate.	9/15/2020 4:39:52 PM -06:00	Audit Comment	The asphalt around the utilities is considered temporary. Prior to final lift the proper 2'x2' cut and replace will take place following the CCD utility detail	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Construction Access Point at EB at Holly is not being utilized properly. A VMS board is stationed inside the hatched zone shown in EMT-1010A	See Expedited NCR 333	9/3/2020 7:45:56 AM -06:00	NC-2	See ENCR 333	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Construction Access Points on WB at Monaco was not properly constructed. EMT-1010A shows that barrier wall 2 must terminate at a point 13*W past the beginning of Barrier wall 1. Monaco Barrier wall 2 terminates where barrier wall 1 begins.	See Expedited NCR 334	9/3/2020 7:45:43 AM -06:00	NC-2	See ENCR 334	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Tie bars we installed but were not epoxied into the existing pavement.	Field Resolved	8/12/2020 12:19:44 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:47:23 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Milling machine was observed driving the wrong way on S Stapleton just east of Monaco at approximately 1:30PM on August 4. Flagger used was in incorrect position, and yellow Kiewit work truck was used to block traffic. No UTC or other appropriate traffic control for situation was used.	NCR written	6/26/2021 12:27:26 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	7/28/2020 8:56:45 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		DRDT-016C table shows that for a 60" RCP with a 16" gap between pipes, 8 number 5 hoops and squares should be placed. Collar was placed with 5 hoops and 6 squares.	See NCR 2191	8/12/2020 5:45:57 PM -06:00	NC-2	NCR 2191 was written to address this issue	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CBC appeared to be placed in accordance to plans and specs	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	9/16/2020 1:41:30 PM -06:00	C		Closed
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Phase 1B completed per plan	Conformance	10/2/2020 3:00:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit/fiber installed by Level 3 per plan and work order	Conformance	10/2/2020 3:05:34 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Duct bank was installed per plan sheet ITS-014 and ITS Duct bank details.	Conformance	9/16/2020 8:45:54 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed as required	Conformance	10/1/2020 1:22:17 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices including 5 Lane usage signs and 2 Side-mount VMS boards installed on Structure No. Sign-E-17-KAS at STA2296+75.00 have been installed per plan and conform to all CDOT standards and specifications.	Conformance	11/2/2020 1:42:25 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed as required.	Conformance	10/1/2020 1:22:36 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit installed per plan	Conformance	12/3/2020 9:06:02 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit installed per plan	Conformance	12/3/2020 9:07:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed in accordance with all CDOT standards and specifications. All work installed per plan on sheet RMP-004.	Conformance	6/24/2022 1:46:14 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices, poles and wiring installed per plan on sheet ITS-009 and in more detail on sheet RMP-004. All work performed in accordance with all CDOT standards and specifications.	Conformance	8/26/2022 2:42:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Duct bank was installed per plan sheet ITS-012	Conformance	8/10/2020 8:22:58 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:46:49 PM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Drainage operations stopped traffic at S Stapleton and Kearney from approximately 2:00-2:10PM to pour concrete for a vane grate inlet. No flagger or UTC was used, only a Kiewit truck with lights were used as traffic control.	NCR written	6/26/2021 12:26:33 PM -06:00	NC-2		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/21/2020 4:51:56 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		No Temporary Signal sheets exist for Quebec Street at I-70 WB Ramps phase 2-1-1. CMT-1712B and CMT1720 depict the phases prior to and after this, and are not appropriate for current condition. Signals installed and active are not shown in any plans.	ENCR-0287	6/26/2021 12:58:08 PM -06:00	NC-2		Closed

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Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:50:01 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The barrier wall installation at construction accesses did not follow the detail shown on EMT-1010A. Accesses were missing the offset run of barrier behind the drums, the downstream run at the opening also did not have the 4ft by 60ft skew on the plans and appeared shorter than 125 feet. Attached is a marked up plan sheet showing items which were not followed. The issue of not following the detail was brought up by the Department in the Cat 1 whatsapp on 7/13 at 3:05PM. Please respond to this NC-2 with an NCR number. The NCR can be closed with a disposition to process an FDC or TCR as described in the attached email. The NCR action to prevent recurrence should explain why the Department identified this issue and KMP did not self report their noncompliance with the detail. How will KMP self-inspect their access and other MOT details in the future?	resolved through ENCR 300	4/2/2021 1:22:46 PM -06:00	NC-2		Closed
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Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The attached RFC required that the RIO cabinet can be attached to the back of a wall panel "provided that the cabinet may be removed and replaced...." The comments and documentation in the "RIO Cabinet Installation Detail" submittal need to be altered. As installed in the field, the RIO cabinet cannot be removed from the wall panel without causing damage.	Resolved	10/19/2020 10:28:06 AM -06:00	Audit Comment	Acknowledged. KIC will work with Sturgeon to address the submittal to match the installation detail	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Below is a list of items brought up in a field resolved that IQC/PC committed to writing up in an NCR. Attached is the Bridge Standard for Ped Lights (BS062). Steele Bridge Ped Light Issues The NW nut on the NW ped light pole does not have full engagement of the threads. On all poles we may not have enough threads to allow for the 1" grout pad. The SW pole is shimmed to height with washers wedged under the base plate between the anchor bolts. Colorado Bridge Ped Light Issues	Field Resolved	7/9/2020 10:18:23 AM -06:00	Field Resolved		Closed



							<p>Several nuts on the SW light at Colorado bridge do not have full engagement of the nut.</p> <p>The NW pole on the Colorado Bridge has washers wedged under the base plate between the anchor bolts to shim the light pole.</p> <p>The protruding anchor bolts will not allow for the installation of the 1" grout pad shown on the plans.</p> <p>Monroe Bridge Ped Lights</p> <p>The light poles are installed and have enough anchor bolt exposed to allow for the 1" grout pad the poles will just need to be raised up.</p>					
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	7/9/2020 4:52:28 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The permanent signing installed on Monroe does not have nylon washers installed to protect the retroreflective sheeting. The sheeting manufacturer requires nylon washers when twist style fasteners are being used. The washers utilized to fasten the signs were metal. As a result the sheeting on the signs has been damaged. The department has concerns that this may be a project wide issue outside of the signage on Monroe. Attached is a photo and the sheet from the 3M material submittal.	ENCR 250	9/16/2020 8:47:49 AM -06:00	NC-2	ENCR 250 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary barrier was installed on the left shoulder of the left turn lane from NB Colorado to 48th. The barrier was installed beyond the limits shown on the plans and as a result the left turn movements from NB & SB Colorado were caused to overlap resulting in vehicles stopping in the intersection and not completing the controlled left turn. In discussions with the MOT a TCR was under way to extend the barrier and separate the turning movements to two different phases of the signal although the work was performed prior to the TCRs being issued.	Field Resolved	7/13/2020 8:55:45 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/9/2020 4:48:18 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		At approximately 12:30, a UTC was observed completely blocking the West side of the N Stapleton and Dahlia Intersection. This forced any southbound Dahlia traffic to make a U turn into the intersection, because Dahlia under I-70 was closed. UTC usage in this situation also did not follow MHT 365, typical mobile operation with a UTC.	NCR written	6/26/2021 12:26:01 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temp lighting removed per plan	Conformance	7/2/2020 2:19:19 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All fencing matched grade line and installed per plan.	Conformance	4/5/2021 10:33:19 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The ductbank matched the lines, cross-sections and materials required by the plans (EL-102 & EL-150) and specs. Please reference the attached pictures.	Conformance	9/8/2020 9:27:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>The concrete bridge railing at the flared ends of Fillmore does not match the radius on Plan Sheet B060.124. Please reference the attached pictures. This issue was walked and discussed with Jose Sosa on Thursday, June 25th. The following discussion was discovered after the walk on June 25th.</p> <p>Lucas Camp (KMP) and Jerry Waterman (Atkins) agreed that the bridge rail along the flared ends at Fillmore, Josephine and York could be chords instead of a radius. But not Josephine has a radius and Fillmore was placed with chords. Discussions will have to take place to ensure a uniform finish is present across all bridges with flared ends.</p>	Field Resolved	7/28/2020 12:52:03 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All wall panels were placed in accordance with the plans and shop drawings.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The perimeter under drain, insulation, vapor barrier, expansion material and internal wall footers were installed in accordance with the plans. Please see the attached pictures and plan sheets.	Conformance	7/9/2020 8:16:19 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and completed as required	Conformance	10/8/2020 11:18:13 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit was installed per plan using trenching and boring methods per plan sheet ITS-022	Conformance	7/28/2020 4:17:54 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		2 of 4 lights installed. Conduit installed, ready for remaining 2.	Conformance	7/2/2020 2:18:37 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the contract. I checked the ties and they were of the size and grade required. I observed the contractor performing the pull tests also.	Conformance	7/2/2020 8:01:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		reinforcing steel was measured and found to be in correct location. IQC and PC blessed the rebar prior to pour.	Conformance	9/16/2020 11:16:46 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Was placed in accordance with specs and plans	Conformance	9/16/2020 11:15:01 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		I observed the work being performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	11/9/2020 4:36:53 PM -07:00	C		Closed
Central 70	C 0704-241	Install Temporary Drainage	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The team was installed a temporary 66" HPDE pipe in this area. It was discussed with PC that the temporary drainage model (to meet the 10 year storm) was modeled showing a 78" connection. It was discussed that they could look at changing the model or provide an adequate connection. The 66" was removed and 78" was put in.	Field Resolved	9/2/2020 7:53:39 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Discussion between myself and PC about the elevation and the wall cap. It didn't appear that it was constructed in accordance with this detail. This detail was revised in NDC000287, but it was not built this way. An NCR or RFC will be written to address the elevation issues.	Field Resolved	9/16/2020 11:17:20 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Wall Rebar	Walls	9/14/2020 8:24:26 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		1. The curb portion of the bridge rail type 10M extends beyond the limits presented in the plan in excess of 1'-0". The gap between the tube rails and bridge rail type 7 (block) should be 2" nominal per plan. 2. The barrier flowline and alignment of elements is out of tolerance (horizontal).	2256 written	11/30/2020 3:04:04 PM -07:00	NC-2	NCR 2256 was written to address this issue	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	9/16/2020 8:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	5/25/2021 2:55:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		DMS installed as required and LFOT was completed on 9.22.20. CDOT ITS has form 1411.	Conformance	10/5/2020 10:28:56 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Wiring and devices installed as required	Conformance	10/5/2020 10:29:22 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed as required	Conformance	10/5/2020 11:57:09 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices(LUS signs and wiring) were installed per plan sheet ITS-0029 and SSTR 54.	Conformance	11/4/2020 1:30:25 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work completed to specifications and requirements.	Conformance	9/30/2020 11:26:51 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting foundation meets CDOT specification and all required elements of constructability.	Conformance	5/7/2021 9:45:35 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All lighting fixtures installed as planned on sheet LI-023 and in accordance with all CDOT standards and specifications.	Conformance	6/30/2021 1:59:53 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Poles and wires installed per plan sheet ITS-023 and RMP-011.	Conformance	5/3/2021 10:35:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The slope was non-conforming and a Safety Hazard for the workers installing the underground Fire Suppression line below the slope. The slope was addressed as soon as it was brought to Tanner Payton's attention. The slope was measured in percent. The range of measurements for slope were between 110% and 120% which is well above a 2H:1V in the Memos provided in the Plan. Please see the attached pictures.	Field Resolved	9/17/2020 5:21:23 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Expansion devices were installed per plans.	Conformance	11/2/2020 3:50:19 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Expansion device was installed per plans.	Conformance	11/11/2020 1:44:55 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conforms to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	11/2/2020 12:25:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Remove Detour Paving	Maintenance of Traffic (MOT)	2/3/2021 1:10:58 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Asphalt pavement from the temporary off ramp to Central Park Blvd from EB I-270 was left in place on the left shoulder of the final off ramp. Discussion have been had with Mike Svoboda regarding removal of the temp pavement. This comment is being written for tracking of the removal and to track evaluation of the shoulder post asphalt removal. Attached is a photo before asphalt detour pavement placement & during the detour being in place.	Item being tracked on the punchlist	5/17/2021 9:25:31 AM -06:00	Audit Comment	This item was added to the MS-1 Punch list	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Temporary Tie in cross slopes did not match the original ramp Design/existing conditions. There was a transition from existing 10% to new 1% over only approximately 35'. This was discussed with PC and IQC. Crews are currently performing layout and repair procedures to address concerns. As this is a very tight ramp, cross slopes needed to be maintained for the design speed.	Field Resolved	9/23/2020 10:56:02 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed conforms to the lines, grades, cross section and dimensions shown in the contract.	Conformance	1/7/2021 7:38:10 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and respective cabinets installed as required.	Conformance	10/6/2020 12:39:56 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS CCTV installed as required	Conformance	10/6/2020 12:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CCTV lowering device pole, EFS and weather station equipment installed per plan sheet ITS-039 at Station 2407+94. Devices and wiring installed on 5/11/2020.	Conformance	11/20/2020 10:51:45 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping	9/30/2020 9:24:33 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Several bolts are missing or not installed correctly on the catwalk, ladder and handrail. Ladder has been wrapped with caution tape until proper inspection and repairs are made. All Catwalks, handrails and ladders that have been installed on the project should be inspected for similar issues.	ENCR 441	11/20/2020 10:54:06 AM -07:00	NC-2	ENCR 441 was written to address the inspections process of sign structures. In addition to the NCR KIC held a quality stand down with the structural steel crew, IQC and KMP. The PC checklist process and IQC inspection process were revised. A job wide quality alert was distributed discussing the issue.	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting conduit, wires and light pole installed per plan sheet LI-022.	Conformance	1/7/2021 1:36:25 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting poles, conduit and pull boxes were installed on East side of Monroe per plan sheet LI-014.	Conformance	3/26/2021 12:40:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting foundation installed per plan sheet LI-022.	Conformance	1/7/2021 1:36:03 PM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All conduit was installed per plansheets ITS-015 and RMP-006.	Conformance	8/24/2021 9:00:48 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		removed per plan	Conformance	10/5/2020 6:41:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All LUS and SMVMS signs installed at station: 2376+59 per plan sheet ITS-037 and SSTR-67	Conformance	12/9/2020 10:59:30 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		I observed the work being performed and all work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	11/9/2020 4:38:04 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The material was excavated to the top of the UPRR deck prior to the start of demolition. Paul Donnelly said that the material had been tested by environmental and was found to be non-contaminated, so it would be disposed of by normal means.	Conformance	10/23/2020 7:37:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	12/15/2020 8:55:09 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenan ce of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Detour was constructed per plan.	Conformance	6/4/2021 9:44:20 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conformance	Conformance	12/15/2020 8:55:37 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Fence was installed per plans. NCR 2273 was written on angle of grout pad to clarify installation procedure.	Conformance	10/1/2020 10:45:33 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Excavation was sloped in accordance with OSHA specifications.	Conformance	4/27/2021 8:43:10 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		LUS and VMS signs and wiring were installed on OHSS at Sta:2276+05. Wiring was pulled back to pullbox at the base of the structure. Awaiting power and comms to test. All work complete per plan sheet ITS-030.	Conformance	11/11/2020 1:44:30 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed as required	Conformance	10/8/2020 11:20:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit installed using directional bore. Confirmed installed per plan sheet ITS-014 on 11/4/2020.	Conformance	11/18/2020 2:36:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required	Conformance	10/6/2020 12:40:30 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Node building foundation was started in June of 2020 and completed in July of 2020.	Conformance	5/27/2021 2:03:19 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lighting conduit installed per plan sheet LI-02.	Conformance	12/9/2020 2:55:33 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlights installed per plan sheets LI-015, LI-016 and LI-017.	Conformance	11/11/2020 1:43:40 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		I checked the steel lagging installed and it matched the size and grade required on the shop drawings.	Conformance	6/26/2020 8:36:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>The approved shop drawing called for a 3 foot gap in the sleeper slab centered over the water line casing. QCATs found that the crew had installed a 6.5' gap in the sleeper slab which was not in accordance with the approved drawings. The crews subsequently had plans to install a wider thinned section of the approach slab. After the issue was brought up production agreed to generate an FDC. Since the FDC is forthcoming the FDC number is unknown.</p> <p>Attached is the field resolution email for this issue.</p>	Field Resolved	6/22/2020 6:50:42 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Excavation per plan	Conformance	7/12/2020 2:48:02 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	9/28/2020 4:50:18 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The ductbank was placed in accordance with the following specification. Please reference Plan Sheet EL-106 & EL-150 as well as FDC-400 for Cover Equipment yard layout and changes. Please reference the attached pictures.	Conformance	10/21/2020 1:17:10 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was performed in accordance with the following requirements. Reference plan sheet EL-102 and EI-150 for more detail. The duct bank concrete was placed to within 1 foot of the CDOT Basement penetrations. After the waterproofing for these openings is complete the final foot of duct bank concrete will be poured. Please see the attached pictures.	Conformance	10/8/2020 9:21:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Installed as required	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier for the WB On Ramp was omitted, and drums used in place of drums. This is acceptable, due to the edge drop off requirements, and no active work was occurring behind drums.	Conformance	7/14/2020 12:17:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Devices and wiring installed as required.	Conformance	10/5/2020 11:56:50 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CMT-1124 details that there should be a dedicated right turn lane from S Stapleton to Holly. This lane was not created in the shift.	ENCR-0268	6/26/2021 12:53:41 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:47:13 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4M2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:51:47 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 11/16" for girder 4P2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .3125".	Conformance	6/1/2020 3:52:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4P2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:52:23 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:52:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4A1 and the plan drawing camber is 9/16". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667/10)\}$, which is .428", and the difference between plan and shop drawings is .3125".	Conformance	6/1/2020 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:43:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 5/8 for girder 4B2 and the plan drawing camber is 9/16" (incorrectly stated on the shop drawings as 1/2"). This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .0625".	Conformance	6/1/2020 3:43:37 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4B2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:43:37 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4B3 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:48:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 4B3 and the plan drawing camber is 9/16" (incorrectly stated on the shop drawing as 1/2"). This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .1875".	Conformance	6/1/2020 3:48:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:48:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:45:38 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4C2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:45:38 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4C2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	6/1/2020 3:45:38 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 4C3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0".	Conformance	6/1/2020 3:46:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4C3 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:46:08 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:46:08 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4D2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:46:40 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4D2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	6/1/2020 3:46:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:46:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4D3 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:47:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4D3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	6/1/2020 3:47:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4F2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:47:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 5/8" for girder 4F2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .125".	Conformance	6/1/2020 3:47:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:47:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:48:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 4F3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0".	Conformance	6/1/2020 3:48:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4F3 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:48:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4H2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:49:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4H2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	6/1/2020 3:49:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:49:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 9/16" for girder 4K2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .0625".	Conformance	6/1/2020 3:51:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:51:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4K2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:51:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4M2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	6/1/2020 3:51:47 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:51:47 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Expansion joints are located per plan, at 90' intervals	Conformance	6/30/2020 1:57:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lines/Grades and dimensions match the plans	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	6/8/2020 12:24:01 PM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS pole Caisson, 40' ITS steel pole and Environmental Friction Sensor(FES) equipment all installed per plan sheets ITS-050 & ITSXS-62.	Conformance	6/8/2020 10:19:52 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 5/8" for girder 1A1 and the plan drawing camber is 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0".	Conformance	6/9/2020 9:50:01 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A1 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:50:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:50:01 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 1A2 and the plan drawing camber is 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.250".	Conformance	6/9/2020 9:51:06 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A2 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:51:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:51:06 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:51:37 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1A3 and the plan drawing camber is 5/8". This is in tolerance using the AREMA formula $\{(1/16")^* (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.125".	Conformance	6/9/2020 9:51:37 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A3 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:51:37 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1B2 and the plan drawing camber is 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.125".	Conformance	6/9/2020 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:52:19 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1B2 is 69'-6 7/16" which is 1/16' less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1C2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.250".	Conformance	6/9/2020 9:54:08 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1C3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/9/2020 9:54:38 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:54:38 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1C3 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:54:38 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/10/2020 8:39:51 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1P2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/10/2020 8:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1P2 is 69'-6 7/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/10/2020 8:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1B3 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/10/2020 8:40:19 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1B3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.250".	Conformance	6/10/2020 8:40:19 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/10/2020 8:40:19 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1K2 is 69'-6 7/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 10:00:51 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1K2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/9/2020 10:00:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 10:00:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 10:01:22 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 1M2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.375".	Conformance	6/9/2020 10:01:22 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1M2 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 10:01:22 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:54:08 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1C2 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:54:08 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1D2 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:55:04 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1D2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/9/2020 9:55:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:55:04 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1D3 is 69'-6 7/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:56:47 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1D3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/9/2020 9:56:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:56:47 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1F2 is 69'-6 7/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:57:35 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 11/16" for girder 1F2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.3125".	Conformance	6/9/2020 9:57:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:57:35 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1F3 is 69'-6 3/8" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 9:58:25 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1F3 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.250".	Conformance	6/9/2020 9:58:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 9:58:25 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1H2 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.55208333)\}$, which is .4347", and the difference between plan and shop drawings is 0.250".	Conformance	6/9/2020 10:00:10 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/9/2020 10:00:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1H2 is 69'-6 1/2" which matches the bottom center line to center line measurement on shop drawing sheet 001-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/9/2020 10:00:10 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawings deviated from the Bridge std detail. No exception is taken but needs to be captured in the as-builts in accordance with CDOT105.02(b) Shop Drawings. The new shop drawings for Fillmore were in the wrong workflow and never made to WSP. The new rebar detail in the shop drawings was approved for Josephine and not for Fillmore. The Fillmore sleeper slab was almost ready to place.	Field Resolved	6/15/2020 5:10:30 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Expansion device was placed according to plans.	Conformance	11/11/2020 1:43:15 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Dry	Utilities		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		hung per plan	Conformance	6/9/2020 4:47:47 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CCTV was installed per plan sheets ITS-031 and ITSID-11	Conformance	6/8/2020 10:19:09 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work in the field matched the plan sheet ITS-049.	Conformance	5/14/2020 1:01:28 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		moment slab was in conformance with the grade, all dimensions were correct and within tolerances.	Conformance	11/2/2020 4:13:14 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	6/22/2020 2:20:03 PM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The lower vertical face of the north side of the barrier was observed in several areas to have an outward lean. See attached M&S Standard for illustration. The lower vertical face on the south side of slipformed barrier was also observed to be 5.5-6 inches tall, not the 4 inches detailed in the M&S Standards.	NCRs have been issued for barrier by IQC	7/10/2020 5:03:09 PM -06:00	Audit Comment	KIC had a quality stand down with CCI to discuss barrier workmanship concerns. Straight edge was a major topic. PC and IQC straight edge final product and have issued multiple ncr's.	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	5/28/2020 1:42:14 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit installed per plansheet LI-017 from Sta:2095+00 to Sta:2104+00	Conformance	6/18/2020 10:20:07 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		installed per plan	Conformance	5/28/2020 2:24:57 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical	7/28/2020 8:57:50 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		5 of 6 light foundations installed per plan	Conformance	7/17/2020 2:03:59 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical	7/28/2020 8:57:50 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		L1 C.245 foundation not yet installed	Agreed	6/7/2021 8:47:47 AM -06:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		constructed per plan	Conformance	5/26/2020 1:53:48 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	6/16/2020 12:05:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A3 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The offsite drainage system from the roof drains from Safeway Bottling was tied in to IN-14S-SPW6134 as shown on the plans.	Conformance	5/8/2020 4:22:15 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 4:10:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 2A3 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .6875".	Conformance	5/8/2020 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/4" for girder 2B3 and the plan drawing camber is 1 7/8" (incorrectly stated on the shop drawing as 1 11/16"). This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .862", and the difference between plan and shop drawings is .375".	Conformance	5/8/2020 3:47:54 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:47:54 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2B3 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 3:47:54 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:32 AM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3D3 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:11:44 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:42 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:22:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:42 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3A1 and the plan drawing camber is 1 3/4". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .625".	Conformance	5/6/2020 1:22:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:42 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3A1 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:05:35 PM -06:00	Audit Comment		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A1 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 3:10:32 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2" for girder 2A1 and the plan drawing camber is 1 7/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .862", and the difference between plan and shop drawings is .125".	Conformance	5/8/2020 3:10:32 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:10:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/6/2020 1:44:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3A3 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:10:23 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:34 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 7/16" for girder 3C2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .8125".	Conformance	5/5/2020 4:07:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:04 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3D2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:11:20 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:04 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/5/2020 4:08:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:04 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 7/16" for girder 3D2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16)" * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .8125".	Conformance	5/5/2020 4:08:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/5/2020 4:09:37 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:32 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 5/16" for girder 3D3 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .6875".	Conformance	5/5/2020 4:09:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan Sheet DLG0-03 General note Dampproofing is required for exterior concrete surfaces in contact with Earth. RFC-000421 clarifies the type of material that will be used in lieu of the Single Component, Hot Applied. Elastometric Material in CDOT Std Spec 705.09. The material used was WR Meadows Sealmastic Type II Emulsified Asphalt. Please see the attached pictures and product submittal. The application of the material was in accordance with the manufacturers recommendations and product submittal. The surface was prepped by filling in cracks and bugs holes prior to application. The material was placed in two coats. The application was inspected by IQC. Please see attached report.	Conformance	5/4/2020 8:56:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2D3 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 3:03:00 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 2D3 and the plan drawing camber is 1 11/16" (incorrectly stated on the shop drawings as 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .862", and the difference between plan and shop drawings is .500".	Conformance	5/8/2020 3:03:00 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:03:00 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p><div>The shop drawing camber is 2 3/8" for girder 3K2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .750". </div></p>	Conformance	5/6/2020 1:44:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>The shop drawing length for girder 3K2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).</p>	UPRR approved the 1/4" tolerance.	5/18/2020 3:09:58 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3A3 and the plan drawing camber is 1 3/4" (incorrectly stated on the shop drawings as 1 5/8"). This is in tolerance using the AREMA formula $\{(1/16")^* (136.0573/10)\}$, which is .851", and the difference between plan and shop drawings is .625".	Conformance	5/5/2020 4:06:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/5/2020 4:06:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:34 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing length for girder 3C2 is 136'-0 11/16" and the plan length is 136'-0 15/16". This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approved the 1/4" tolerance.	5/18/2020 3:10:53 PM -06:00	Audit Comment		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:34 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/5/2020 4:07:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/12/2020 7:54:19 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 5/16" for girder 2P5 and the plan drawing camber is 1 7/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .4375".	Conformance	5/12/2020 7:54:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2P5 is 137'-10 5/8" which is equal to the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/12/2020 7:54:19 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover	5/12/2020 4:43:37 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The issue was highlighted in a QCAT Field Resolution Email on Tuesday, April 7th. Sturgeon was using 4ft sticks of rebar to support the stayform for the ductbank. Sturgeon ran out of 4ft sticks and started to use 6ft sticks. By using 6ft sticks and my measurements, the structural underdrain was likely damaged. The underdrain was not a consistent 4ft from the back of the abutment as shown in the plans and photos. I inspected both the underdrain installation and ductbank installation. I have pictures with measurements and the associated plans sheets attached. Further investigation is required to ensure the Cover structural underdrain was not damaged. Please reference attached supporting information. PC group will address with point-man information.	By digging up the under drain for investigation will cause more damage than good.	5/29/2020 4:42:11 PM -06:00	Audit Comment	KIC conducted an investigation based on elevations and as built shots. It is KIC survey department the conclusion was that the underdrain should have maintained a minimum 1 foot clear cover from the driving rebar supports. This information was discussed with Adam Mercer.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Diaphragms	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		After the forms are removed, IQC will conduct a post inspection to ensure the entire void is filled in conformance of the plans. Utility Trenches were poured at above drilled shafts A3-19, A3-21 & A3-24.	Conformance	5/14/2020 1:34:09 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2P2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 4:00:34 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	5/11/2020 7:47:27 AM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan sheet BXXX.002 for each structure calls out the applicable bridge standard sheets to be used. Each structure calls out "Mechanically Stabilized Backfill" on Plan Sheet BS011 to be used. Each structure used flowfill in accordance with BS010.	Addressed	5/30/2020 12:42:02 PM -06:00	NC-2	Expedited NCR 0129 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:10 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2" for girder 2M2 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.885417/10)\}$, which is .862", and the difference between plan and shop drawings is .3125".	Conformance	5/8/2020 2:43:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:10 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2M2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" but in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approval	6/2/2020 8:50:32 AM -06:00	Audit Comment	UPRR has approved the 1/4" tolerance.	Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:10 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 2:43:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:57 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:16:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:57 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A2 is 137'-10 1/2", which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 002-WS1. This out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approval	6/2/2020 8:51:14 AM -06:00	Audit Comment	As with the other girders on the previous audits, these tolerances were accepted by UPRR and the travelers are on Aconex for each girder.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:57 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 2A2 and the plan drawing camber is 1 7/8" (incorrectly stated on the shop drawings as 1 11/16"). This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .3125".	Conformance	5/8/2020 3:16:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 2D2 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .4375".	Conformance	5/8/2020 4:10:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2D2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2F2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 4:13:33 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:57:30 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2F3 is 137'-10 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 002-WS1. This out of tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	UPRR approval	6/2/2020 8:51:47 AM -06:00	Audit Comment	As with the other girders on the previous audits, these tolerances were accepted by UPRR and the travelers are on Aconex for each girder.	Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:57:30 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2" for girder 2F3 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .375".	Conformance	5/8/2020 3:55:10 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:57:30 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 3:55:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 4:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2" for girder 2H2 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .3125".	Conformance	5/8/2020 4:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2H2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 4:16:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Il girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 4:18:42 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2K2 is 137'-10 5/8" which matches the bottom center line to center line measurement on shop drawing sheet 002-WS1. This is in tolerance with AREMA MRE Ch. 15, Art. 3.1.7.1e (1) which is equal to +/- 1/32" and in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	5/8/2020 4:18:42 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 2K2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .500".	Conformance	5/8/2020 4:18:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 2F2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .5625".	Conformance	5/8/2020 4:13:33 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 4:13:33 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	5/8/2020 4:00:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 13/16" for girder 2P2 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16")^* (137.8854/10)\}$, which is .8618", and the difference between plan and shop drawings is .1875".	Conformance	5/8/2020 4:00:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A1 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 4A2 and the plan drawing camber is 9/16". This is in tolerance using the AREMA formula $\{(1/16")^* (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .1875".	Conformance	6/1/2020 3:42:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A2 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 4A3 and the plan drawing camber is 9/16" (incorrectly stated on the shop drawings as 1/2"). This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .250".	Conformance	6/1/2020 3:42:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation.	Conformance	6/1/2020 3:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A3 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS1. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	6/1/2020 3:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover	5/19/2020 11:37:15 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The dry stand pipe was measured to be 12" under the ductbank crossing at Monroe. This was measured by Jeff Allen of Ground with Jacob Wallenfang. This does not follow the detail on plan sheet FS-120 "Standpipe/Utility Crossing Detail". It requires 18" minimum coverage at utility crossings.	Addressed	8/17/2020 5:34:13 PM -06:00	NC-2	NCR 2090 was written to address this issue.	Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		foundations installed per plan	Conformance	10/2/2020 2:51:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	7/23/2021 1:31:56 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The sidewalk was poured high exceeding the 2" max at the edge near the barrier required by plan sheet RDDT-015A. Please reference the attached pictures and plan sheet.	NCR 2663	8/5/2021 2:36:00 PM -06:00	NC-2	NCR 2663 was written to address this issue	Closed
Central 70	C 0704-241	Noise Walls	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Face Panels (NW13-NW22) appear to be the correct dimensions with appropriate spacing. Note that these panels do not have the correct face per the shop drawings. This has been resolved per the attached email	Field Resolved	7/29/2021 1:32:51 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Pond excavation was performed according to lines and grades detailed in plan sheets.	Conformance	8/16/2021 7:30:37 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		RMS is installed per plan on sheet ITS-015 and in more detail on sheet RMP-007. All devices and wire installed in accordance with all CDOT standards and specifications.	Conformance	3/17/2022 2:31:56 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	7/28/2021 10:41:06 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sign panel for E-17-TAC should have 2 arrows for both exit lanes. Sign installed in field only has the yellow exit only arrow. See pictures attached. Please note for current phase, left arrow should be temporarily covered.	See ENCR 1328	8/4/2021 1:48:17 PM -06:00	NC-2	ENCR 1328 was written to address this issue	Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Pavement was milled.	Conformance	1/18/2021 8:50:45 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All guardrail was completely removed.	Conformance	1/18/2021 8:48:55 AM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Ramp meter poles and wires installed per plansheets ITS-031, RMP-015 and ITS-DT-48.	Conformance	6/4/2021 2:29:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		After TCR-0109 was implemented, opening the WB Entrance Ramp from Colorado Blvd, it was noticed that Semi-trucks were unable to navigate the turn between temporary concrete barrier near the bottom of the ramp tying into Mainline WB I-70 traffic. After discovery, Pete Remington had the night shift crew adjust the barrier that evening to allow this traffic movement to safely enter mainline I-70.	Field Resolved	11/13/2020 9:48:23 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The waterproofing was not placed in accordance with the plans. The waterproofing should extend well below the structural slab. Reference plan sheet FCST-103 and FH-028 for more information. Please see attached photos.	Addressed in NCR	4/9/2021 3:59:50 PM -06:00	NC-2	NCR-2351 is closed out.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway	11/25/2020 12:13:28 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan sheet RD-178 shows CA barrier wall installed up to the gore on the WB Quebec On Ramp near WB Quebec On Sta. 275+92 does not follow the plans. RD-178 shows that the barrier shall be CA barrier for the full run and does not call for a barrier transition. Ramp meter sheet RMPXS-010 shows that the ramp meter caisson should not be encased in concrete. What was installed in the field was a barrier wall transition and the ramp meter caisson was encased in concrete. As a result the ramp meter foundation has a space which could hold precipitation. Attached are photos of the installed barrier wall/ramp meter and the applicable sheets.	NCR written	5/17/2021 9:20:56 AM -06:00	NC-2	NCR 2378 was written to address this issue.	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The barrier was not constructed in accordance with M-606-13 Style CD. The barrier was placed on top of the existing asphalt pavement without the 1" minimum depression shown in the detail. Please reference the attached pictures.	2349 written	11/30/2020 2:55:57 PM -07:00	NC-2	NCR 2349 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All abutment 5 CSL/TIP testing results were approved by IQC and by UPRR.	Conformance	12/18/2020 11:08:13 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		all girders were verified to be in conformance with the RFC plans prior to being erected, and then also after erection.	Conformance	12/3/2020 9:11:15 AM -07:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)	1/11/2021 2:43:37 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Per NCR-000692, 10 Day Advance warning PCMS were to be placed and activated in locations detailed on EMT-1060-1062. 10 day PCMS on SB and NB Washington, NB Brighton, S Stapleton, and N Stapleton were not placed as of 15 Dec for the 18-21 Dec closure. This NDC has not been approved by the department yet.	Message Boards Placed	3/12/2021 10:31:13 AM -07:00	NC-2	There were additional message boards placed on the NDC that were not on the prior plans. These were not caught by MOT when the NDC came out but were placed as soon as it came to our attention.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	12/18/2020 3:58:20 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The underdrain that is installed does not follow plan sheet DLTCT-01 which utilizes a concrete slab, expansion joint and waterproofing. Please reference the following Aconex Submittal for limits of this installation. EMSEAL Roof Joint RJ-400 Expansion Joint Underdrain Tr, Aconex Submittal – C70-AIW-CTP-SHD-000001	NCR-2515 was generated.	4/9/2021 4:35:12 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		everything is in conformance with plan.	Conformance	3/12/2021 1:13:47 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Guardrail posts did not have 1' of asphalt paved behind back of post, however end anchorage had not been completed in that area, and it was not open to traffic yet.	Work has now been completed	4/1/2021 9:41:20 AM -06:00	Audit Comment	This work is not yet completed as stated in the audit comment. Each Guardrail run and buildout is being reviewed with Production and IQC and will be addressed in real time or by a punchlist item.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conformance	Conformance	10/28/2020 11:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety	10/28/2020 12:00:00 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The casing and fire supply line installation was in accordance with the following plan sheets FFH-007 & FFH-009 (NDC-567) and VLT-100 & VLT-101 (NDC-573). Reference grades for fire supply line and vault bottom slab elevation for each end for the pipe in the attached pictures.	Conformance	11/2/2020 12:24:44 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		all panels conform to the plans including all tolerances.	Conformance	11/2/2020 12:29:52 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The barrier construction conforms to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the Contract.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	10/8/2020 3:25:47 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		TS-049B calls out that the curb wall on the south of S Stapleton is to be 6" tall, with a 3:1 slope to tie in to the adjacent property. Curb wall built in the field was constructed up to 21' high, with no slope to tie in to adjacent property.	See NCR 2679	8/4/2021 1:51:07 PM -06:00	NC-2	NCR 2679 was written to address this issue.	Closed
Central 70	C 0704-241	Lighting Conduit	Electrical	11/2/2020 3:58:49 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Streetlight conduit is off of right-of-way in the Goodwill parking lot, west of Kearney. Handhole at the intersection is off ROW as well.	ENCR Verified	6/7/2021 8:47:00 AM -06:00	NC-2	ENCR 567 was written to address this issue	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	2/3/2021 1:12:07 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier on both sides of ramp do not meet standards. On right hand side of ramp, 0-1 inches of haunch is visible after 3rd lift of asphalt. Overall barrier height on the right hand side before SMA paving is 31.5 inches, not 34" per M-606-14. Barrier on the left hand side has up to 2" of footing still exposed. After 2" SMA overlay, 5" of haunch will still be exposed.	See NCR 2325	4/26/2021 2:01:25 PM -06:00	NC-2	NCR 2325 was written to address this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The trench drain is in accordance with the plans. The location is correct to allow for the placement of F-shape roadway barrier. Please see the attached pictures.	Conformance	10/14/2020 9:31:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures	10/15/2020 11:36:52 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		KMP did not construct the Monroe Northeast Corner Rail Transition per sheet B100.121 and it's reference to the Modified Bridge Rail Type 7 (sheet WS705 2 of 2) to interface with Bridge Rail Type 10M. KMP submitted NDC 618 to match the as built condition, but did not write an NCR per QSP-07. To maintain uniformity at the bridge corners, the details in the Modified Bridge Rail should be applied. See attached email. See attached photos.	NCR 2312	12/11/2020 2:35:14 PM -07:00	NC-2	NCR 2312 was written to track this issue	Closed
Central 70	C 0704-241	F/P/S Wall	Walls	10/15/2020 1:39:12 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		WS103 details that drains must be installed through CIP wall at least every 24'. No drains were installed in the CIP portion of 521-w2, which has a plan length of 60'.	See NCR 2316	11/18/2020 12:54:31 PM -07:00	NC-2	NCR 2316 was written to address this issue	Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conformance	Conformance	12/4/2020 9:04:42 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		7xLUS and DMS installed per plan and meet all required specifications. All Devices mounted correctly and to specifications.	Conformance	12/31/2020 2:16:12 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required	Conformance	12/11/2020 7:13:52 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed per plan on base sheet ITS-033 and in more detail from sheet SSTR-60 and all installed in accordance with CDOT specifications.	Conformance	6/2/2021 12:44:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work and devices installed as required	Conformance	12/11/2020 7:34:24 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		5x LUS and 2xSMVMS installed per plan and have met all requirements. Devices are mounted correctly and per plan. All required specifications met.	Conformance	12/31/2020 2:17:36 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		conduit installed per plan	Conformance	12/3/2020 9:06:46 AM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Conduit installed per plan sheet RMP-003 and in accordance with all CDOT specifications	Conformance	6/2/2021 12:05:45 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Removals completed per plan	Conformance	12/4/2020 9:03:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was performed per plans.	Conformance	11/2/2020 3:49:32 PM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	1/18/2021 8:51:07 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work conformed to plans.	Conformance	1/18/2021 8:52:45 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		it was observed that all work was in conformance with the plans.	Conformance	5/5/2021 9:19:55 AM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Fencing matched grade lines and installed per plan.	Conformance	4/5/2021 10:34:36 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	2/3/2021 8:10:16 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices installed per plan on sheet ITS-036 and in accordance with all CDOT standards and specifications.	Conformance	6/28/2021 2:22:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed in accordance with all CDOT standards and specifications. Devices installed per plan on ITS-040 and in more detail on SSTR-74A.	Conformance	10/29/2021 8:22:45 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices installed per plan on sheet ITS-029 and in accordance with all CDOT standards and specifications.	Conformance	6/28/2021 3:00:50 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit installed per plan under existing viaduct(In National Western Center lot) and in accordance with all CDOT standards and specifications.	Conformance	6/28/2021 3:06:49 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices and structure installed per plan-sheet ITS-017 and in more detail on sheet SSTR-31. All devices and wiring installed in accordance with all CDOT standards and specifications.	Conformance	9/28/2021 2:07:29 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices installed per plan on sheet ITS-021 and in accordance with all CDOT standards and Specifications.	Conformance	6/29/2021 8:11:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		it was observed the the foundation was placed per plan and matched all lines, grades, cross sections, dimensions, and materials requirements.	Conformance	5/5/2021 9:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Approved Topsoil was placed per plan in median sections.	Conformance	10/7/2021 1:27:03 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the Contract.	Conformance	2/3/2021 8:09:49 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover	3/1/2021 4:31:33 PM -07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CM-024 CCTV Riser Diagram Note #6 - Fiber Optic Cable shall be routed in 1-2"C in Cover with 120V Power routed in other 1-2"C. The installation in the field matches the CCTV Camera Shop Drawings. Aconex #C70-SECO-SYC-SHD-000042.	Conformance	2/25/2021 9:53:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reference the Aconex submittal (# C70-SECO-SYC-SHD-000017) for the following shop drawing sheets (GE-011, GE-012 & GE-013). The materials as well as installation tolerances follow the appropriate shops drawings for the AM & FM Antennas on the CDOT Building Roof. Please see the pictures attached to this assessment.	Conformance	4/21/2021 3:05:01 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Device have been installed and tested. One(1) CCTV, Six(6) Lane Usage Signs and Two(2) Side-Mount VMS have been installed per plan sheet ITS-012 and in more detail on sheet SSTR-17. All devices and their respective cabinet hardware have been installed in accordance with all CDOT standards and specifications.	Conformance	3/10/2022 1:54:33 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Cut Sheet GE-006 Tensioning Brace Installation Detail - The installation and hardware conform to the cut sheet provided. Please see the attached pictures for the associated pictures. Cut Sheet GE-007 Recommended Tensioning Equipment - The tensioning equipment conform to the cut sheet provided. Please see the attached pictures for the associated pictures. The equipment is as follows: a 8000lb working load sure clamp wire and cable grip, a ratchet wire rope hoist single line, slimline hanging scale with minimum 110 lbs capacity. Please reference the attached pictures. Please see the attached pictures.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A6 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 4:05:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 4:05:14 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3P5 is 136'-0 5/8" which is the 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:01:07 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:01:07 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/2" for girder 3P5 and the plan drawing camber is 1 3/4". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .750".	Conformance	1/20/2021 3:01:07 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 9/16" for girder 4A6 and the plan drawing camber is 15/16". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .375".	Conformance	1/19/2021 4:05:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT M-606-1 Sheet 18 shows that when one post is omitted in a guardrail run the nested rail shall extend 6'-3" beyond the posts adjacent to the missing posts. Attached is a snip from the M Standard showing the detail. The crew performing the repair stopped the nested rail at the post adjacent to the omitted post which failed to follow the standard. Photos attached. This was brought up to IQC and the crew addressed the issue.	Field Resolved	1/14/2021 8:48:20 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:02:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 3/4" for girder 2A4 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .0625".	Conformance	1/20/2021 3:02:35 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A4 is 137'-10 7/16 which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:02:35 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A5 is 137'-10 5/8" which is equal to the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:03:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:03:32 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 2A5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .6875".	Conformance	1/20/2021 3:03:32 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:08:34 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2A6 is 137'-10 11/16" which is 1/16" more than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:08:34 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/2" for girder 2A6 and the plan drawing camber is 1 7/8". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .6250".	Conformance	1/20/2021 3:08:34 PM -07:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:09:45 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 9/16" for girder 2B2 and the plan drawing camber is 1 11/16". This is out tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .8750". It is within tolerance for setting at position 2P5 however as the specified camber for that position is 1 7/8".	Conformance	1/20/2021 3:09:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2B2 is 137'-10 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:09:45 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 2B4 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .6875".	Conformance	1/20/2021 3:10:34 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2B4 is 137'-10 9/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:10:34 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/20/2021 3:10:34 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/20/2021 3:11:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 7/16" for girder 2B5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16)" * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .750".	Conformance	1/20/2021 3:11:27 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2B5 is 137'-10 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:11:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2C5 is 137'-10 11/16" which is 1/16" more than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:12:05 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 2C5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16)" * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .6875".	Conformance	1/20/2021 3:12:05 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:12:05 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2D5 is 137'-10 5/8" which is equal to the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:12:42 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 2D5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .6875".	Conformance	1/20/2021 3:12:42 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/20/2021 3:12:42 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2F5 is 137'-10 5/8" which is equal to the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:13:11 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:13:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:13:49 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2H5 is 137'-10 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:13:49 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/4" for girder 2H5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .5625".	Conformance	1/20/2021 3:13:49 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 2K5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 3:14:33 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:14:33 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:11:26 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan Sheet DTLCT-03, Note #9 – Solid wall pipe and fittings shall be trenched in accordance with CDOT M-206-1 for flexible. DP-CT2 depicts the location of the solid pipe in question. The backfill for the solid wall pipe (P-TT-46W6030C) does not follow M-206-1. The following pipe was backfilled using #6 stone with a geotextile fabric. Please reference the attached photos. More investigation will need to be done to ensure other locations that have solid pipe tying into the cover underdrain are backfilled appropriately.	Addressed through NCR	4/9/2021 3:57:54 PM -06:00	NC-2	NCR 2523 were written to address this issue	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1P5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:57:38 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 1P5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3750".	Conformance	1/26/2021 9:57:38 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:57:38 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:57:16 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1M5 is 69'-6 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:57:16 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1H5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:56:01 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1H5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .250".	Conformance	1/26/2021 9:56:01 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:56:01 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1F5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3125".	Conformance	1/26/2021 9:54:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1F5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:54:51 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:54:51 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was used to adjust camber.	Conformance	1/26/2021 9:52:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 5/8" for girder 1K5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .125".	Conformance	1/26/2021 9:56:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was used to adjust camber.	Conformance	1/26/2021 9:56:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1K5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:56:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1M5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3125".	Conformance	1/26/2021 9:57:16 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2K5 is 137'-10 9/16" which is 1/16" less the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:14:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 3/4" for girder 2M5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .0625".	Conformance	1/20/2021 3:15:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 2M5 is 137'-10 11/16" which is 1/16" more than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 3:15:04 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 3:15:04 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4C5 is 68'-5 5/8" which is 1/8" less the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 4:33:17 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 4:33:17 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 4C5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4278", and the difference between plan and shop drawings is .3125".	Conformance	1/19/2021 4:33:17 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Meets requirements laid out in aconex submittal C70-AIW-CTP-SHD-000001 for joint seal material install with asphalt, termination bars installation, and screw anchor sizes and install	Conformance	2/3/2021 8:08:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:49:41 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1A4 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .250".	Conformance	1/26/2021 9:49:41 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A4 is 69'-6 3/8" which 1/4" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:49:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1A5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3125".	Conformance	1/26/2021 9:50:52 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:50:52 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 2F5 and the plan drawing camber is 1 11/16". This is in tolerance using the AREMA formula $\{(1/16") * (137.8854166667)\}$, which is .8618", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 3:13:11 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:50:52 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 11/16" for girder 1A6 and the plan drawing camber is 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .0625".	Conformance	1/26/2021 9:51:18 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1A6 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:51:18 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:51:18 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 1B4 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is 0.0".	Conformance	1/26/2021 9:51:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1B4 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was used to adjust camber.	Conformance	1/26/2021 9:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1B5 is 69'-6 7/16" which is 3/16" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:52:19 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 1B5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .250".	Conformance	1/26/2021 9:52:19 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1C5 is 69'-6 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:52:46 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1C5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16")^* (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3125".	Conformance	1/26/2021 9:52:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was used to adjust camber.	Conformance	1/26/2021 9:52:46 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 1D5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (69.5520833333)\}$, which is .4347", and the difference between plan and shop drawings is .3125".	Conformance	1/26/2021 9:53:13 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. Documentation was included showing heat treatment was not used to adjust camber.	Conformance	1/26/2021 9:53:13 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 1D5 is 69'-6 1/2" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 001-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/26/2021 9:53:13 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/8" for girder 3H5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .750".	Conformance	1/20/2021 10:39:46 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:39:46 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:40:27 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3K5 is 136'-0 11/16" which is the same as the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:40:27 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 7/8" for girder 3K5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .250".	Conformance	1/20/2021 10:40:27 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:41:03 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3M5 is 136'-0 9/16" which is the 1/8" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:41:03 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 3/16" for girder 3M5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .5625".	Conformance	1/20/2021 10:41:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:34:19 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3A4 is 136'-0 9/16" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:34:19 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/8" for girder 3A4 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .500".	Conformance	1/20/2021 10:34:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2" for girder 3A5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .375".	Conformance	1/20/2021 10:35:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3A5 is 136'-0 5/8" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:35:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:35:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 3:36:41 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4B5 is 68'-5 11/16" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:36:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 3:54:24 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 9/16" for girder 4P5 and the plan drawing camber is 9/16". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.0".	Conformance	1/19/2021 3:54:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:36:08 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3A6 is 136'-0 5/8" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:36:08 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 13/16" for girder 3A6 and the plan drawing camber is 1 3/4". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .0625".	Conformance	1/20/2021 10:36:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:36:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1 13/16" for girder 3B4 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .1875".	Conformance	1/20/2021 10:36:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3B4 is 136'-0 5/8" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:36:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/16" for girder 3B5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 10:37:20 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3C5 is 136'-0 9/16" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:37:59 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:37:59 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/16" for girder 3C5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 10:37:59 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:38:37 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3D5 is 136'-0 9/16" which is 1/8" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:38:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/16" for girder 3D5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16")*(136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 10:38:37 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3F5 is 136'-0 5/8" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:39:10 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:39:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3B5 is 136'-0 5/8" which is 1/16" less than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:37:20 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/20/2021 10:37:20 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 2 1/16" for girder 3F5 and the plan drawing camber is 1 5/8". This is in tolerance using the AREMA formula $\{(1/16") * (136.078125)\}$, which is .8505", and the difference between plan and shop drawings is .4375".	Conformance	1/20/2021 10:39:10 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 3H5 is 136'-0 3/4" which is 1/16" more than the bottom center line to center line measurement on shop drawing sheet 003-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/20/2021 10:39:46 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/19/2021 2:56:13 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A4 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 2:56:13 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4A4 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .3750".	Conformance	1/19/2021 2:56:13 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4A5 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:00:47 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/19/2021 3:00:47 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 4A5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.0".	Conformance	1/19/2021 3:00:47 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 3:09:30 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 4B4 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.0".	Conformance	1/19/2021 3:09:30 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4B4 is 68'-5 3/4" which matches the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:09:30 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 13/16" for girder 4B5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is .3125".	Conformance	1/19/2021 3:36:41 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 9/16" for girder 4D5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.0625".	Conformance	1/19/2021 3:46:33 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4D5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:46:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/19/2021 3:46:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4F5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:47:59 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 3/4" for girder 4F5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.250".	Conformance	1/19/2021 3:47:59 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/19/2021 3:47:59 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 3:52:33 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4H5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.375".	Conformance	1/19/2021 3:52:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4H5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:52:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was used on the girder for camber adjustment.	Conformance	1/19/2021 3:53:03 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 1/2" for girder 4K5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.000".	Conformance	1/19/2021 3:53:03 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4K5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:53:03 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All girder and incidental materials supplied have the correct documentation with heat and melt numbers. Rotational capacity charts for all bolts are included in the documentation. The documentation notes that heat treatment was not used on the girder for camber adjustment.	Conformance	1/19/2021 3:53:40 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The shop drawing camber is 7/8" for girder 4M5 and the plan drawing camber is 1/2". This is in tolerance using the AREMA formula $\{(1/16") * (68.47916667)\}$, which is .4280", and the difference between plan and shop drawings is 0.375".	Conformance	1/19/2021 3:53:40 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4M5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:53:40 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The fabricated length for girder 4P5 is 68'-5 3/4" which is the same as the bottom center line to center line measurement on shop drawing sheet 004-WS2. This is in tolerance with "Other Members" with a tolerance of +/- 1/4" as specified by AREMA MRE Ch. 15 Art. 3.1.7.1e(1).	Conformance	1/19/2021 3:54:24 PM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		all work was in conformance with grades, lines, and dimensions shown on plans and specs.	Conformance	3/12/2021 1:19:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Temporary Drainage	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Pond construction was according to plans.	Conformance	3/9/2021 3:54:25 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The ladder shop drawings (Aconex #C70-MTLPRO-PUM-SHD-000001) adhere to the requirements on Plan Sheet DLG0-07, 2. Products, J. Ladders.	Conformance	4/20/2021 4:40:13 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Plan Sheet DLG0-09, 3. Execution, D. Safety Climb Device System - As on the shop drawings (Aconex #C70-MTLPRO-PUM-SHD-000001) and approved plans (Plan Sheet DL14-01) a safety climb device was part of the ladder system. It was installed in accordance with the appropriate plans and requirements. Please see the photos attached to this assessment.	Conformance	4/20/2021 4:40:13 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Reference Aconex Submittal #C70-KIE-PUM-ML-000029 for the approved post installed concrete anchors that were utilized. Reference the photos attached to this assessment for the anchors used.	Conformance	4/20/2021 4:40:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Removals were completed per plans.	Conformance	4/27/2021 8:44:17 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Bridge was removed completely.	Conformance	1/18/2021 8:48:26 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Two 48ct fiber optic cables pulled into the RIO cabinets and terminated at a patch panel per the plans and RFC-000568.	Conformance	3/8/2021 3:20:33 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS RWS 200 Installed as required and all specifications met.	Conformance	5/27/2021 11:32:07 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		x5 CDOT ITS orange 2" HDPE x1 CDOT ITS Terracotta lateral 2" HDPE x1 CCD Green/Orange 2" All conduit installed as required by plans. Conduit mounted into chairs and then BZ concrete was poured to create DB.	Conformance	12/31/2020 2:18:54 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		x5 CDOT ITS Orange HDPE 2" x1 CDOT ITS Terracotta HDPE 2" Lateral x1 CCD Green/Orange HDPE 2" All conduit installed as required	Conformance	12/31/2020 2:19:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS pole, cabinet and devices were installed per plan sheet ITS-023 and ITS-DT-29.	Conformance	3/26/2021 12:39:37 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit was installed in type 7 barrier per plans.	Conformance	3/17/2021 8:48:13 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The subcontractor completed the rough in of the lighting conduit according to the contract requirements.	Conformance	12/29/2020 8:57:36 AM -07:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Devices and poles installed per plan sheet RMP-016 and in accordance with all CDOT specifications	Conformance	6/2/2021 12:21:03 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Devices and Poles installed per plan sheet RMP-010 and in accordance with CDOT specifications.	Conformance	6/2/2021 12:56:19 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	5/25/2021 1:31:04 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Permanent barrier was installed too far to east for switch. This barrier was removed and temporary barrier was correctly replaced, production wrote and closed NCR associated with permanent barrier removal.	Field Resolved	2/5/2021 9:27:50 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conforms to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the contract.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices and wires installed on OHSS's at Sta: 2227+75 and 2254+60. All devices and wires installed per plan sheets ITS-026, ITS-028, SSTR-51 and SSTR-53.	Conformance	6/29/2021 12:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices and wires installed on OHSS's at Sta: 2227+75 and 2254+60. All devices and wires installed per plan sheets ITS-031, ITS-033, SSTR-58 and SSTR-60.	Conformance	6/29/2021 12:30:13 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices and wires were installed at several locations between Airport Blvd and Tower Road. Device installation were installed per plansheets ITS-046 & ITS-048 at Stations 2506+37 and 2535+59	Conformance	6/17/2021 11:08:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work was done per plansheets ITS-037, ITS-038, ITS-039, SSTR-67, 68, 69 & 73. LUS signs and wiring were installed per spec.	Conformance	9/17/2021 9:05:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed per plansheet ITS-017 and in more detail on sheet SSTR-31. Devices installed in accordance with all CDOT standards and specifications.	Conformance	10/4/2021 1:42:19 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All foundations installed as required by all CDOT standards and specifications.	Conformance	6/25/2021 5:36:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	6/24/2021 2:11:17 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		<p>The junction box cast into the barrier is not per plan. Plan sheet RDDT-002 shows the box should a minimum of 1ft from the edge. The junction box was installed 6" from the edge.</p> <p>Also after reviewing the detail utilized for the reinforcement of the vertical face concrete at the light pole the original design intent shown on RDDT-002 was for a typical median light with a Type 7 transition on either side of the light pole. Since the light foundation is now the start of the barrier (ie. end anchorage) and will have an attenuator transition anchored to it design evaluation is needed to confirm the reinforcement for a typical light transition is adequate or if additional reinforcement is required (ie. similar to the verticals typically installed in end anchorages).</p> <p>Attached are marked up plan sheets.</p>	NCR written	8/10/2021 9:49:33 AM -06:00	Audit Comment	KIC is writing an NCR for the location of the Junction box. NCR is entered in the NCR log has not been numbered yet but is expected to be 1324	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Emergency pullout between Holly and Dahlia EB was modified per EMT-1010A to remove the Barrier Wall 2. Proper clear zone of +30 feet was maintained.	Conformance	6/15/2021 7:41:12 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		After field discussion with CCD Inspector, it was discovered that EX-MH-QBN511 had not been raised to new grade. This was brought up to production, and manhole was raised to proper elevation.	Field Resolved	4/27/2021 3:36:20 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The gap between wall panels #6 and #7, #9 and #10, and #10 and #11 exceed the 1" max by 1/8". The gap is non-structural, and will not affect the intended use.	Adequate	7/7/2021 10:03:47 AM -06:00	Audit Comment	Discussed Wall gap concerns with field crews (Phil M) they PC checklist has a field to measure and document wall gaps within tolerance. KIC will continue to monitor.	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/19/2021 6:38:26 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		MHT 489d was used for waterline work on Steele and 45th on the weekend of 10 July. This MHT was not sent to the Department for acceptance until 12 July. For future process, all MHTs must be submitted to the department for acceptance 14 days prior to planned utilization in the field.	Training was complete and should prevent this from happening in the future.	7/20/2021 12:47:39 PM -06:00	Audit Comment	MHT Submittal started on 6/22. Between updating changes and going through IQC, the plan was resubmitted on 6/28. Pete left on vacation on 7/2 when the plan came back to my court and the sub-workflow was ready to be sent to CDOT. The plan stayed in my court until I returned and in the meantime the work had proceeded. I have since taught Suzi and Mitch Cassles how to push through the submittals in my absence.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway	7/19/2021 3:42:17 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Gate was not built per plan. Plan sheet calls out for a 13' gate.	NCR created and audit referenced in ENCR	9/15/2021 4:15:48 PM -06:00	NC-2	ENCR 1396 was written to address this issue	Closed
Central 70	C 0704-241	Fencing	Roadway	7/19/2021 3:43:24 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Gate installed was not called out for in the plans. See attached picture of the gate. Location of this gate is just West of the 13' gate that is called out for on RD-032.	NCR was written and audit included in ENCR	9/15/2021 4:17:24 PM -06:00	NC-2	ENCR 1396 was written to address gate issues	Closed
Central 70	C 0704-241	Fencing	Roadway	7/19/2021 3:43:59 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Fencing and Gate were not installed.	Appropriate information provided in ENCRs	9/21/2021 8:40:13 AM -06:00	NC-2	ENCR 1396 and 1395 were written to address Gate and fencing issues	Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		WS103 and WS321 detail that weepholes for wall drainage is to be 3" from final grade. After paving final surface, multiple drains on 509-W2 and 425-W2 were found to be at or slightly below final surface. After issuing QCAT Field Issue Conversation email, NCR2659 was written.	Field Resolved	6/23/2021 4:17:54 PM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		RDDT-027, 027A, 030, 032, 060, 060A detail that 2x4 drainage scuppers are to be installed in the haunch of the barrier, above the pavement surface. As of 15 June, the WB Holly off Ramp scupper was paved over, with other locations having the potential to be paved over as well. After discussing with production, an ENCR has been submitted.	Field Resolved	6/16/2021 7:46:15 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed as required on sheet ITS-037 and in more detail on sheet SSTR-67 and in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 10:04:48 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS CCTV and MVRD installed per plan on sheet ITS-004 and in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 10:07:00 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required on Plansheet ITS-010 and in more detail on sheet SSTR-14 and in accordance with all CDOT standards and specifications.	Conformance	6/30/2021 1:54:09 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Poles and wiring installed per plan and all CDOT standards and specifications.	Conformance	6/25/2021 5:44:00 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Poles and wiring installed per plan and in accordance with all CDOT standards and specifications.	Conformance	6/25/2021 5:45:05 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Removals were completed to proper limits per plan.	Conformance	3/9/2021 3:53:04 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Girders placement appeared acceptable.	Conformance	3/9/2021 3:54:02 PM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	5/25/2021 1:38:47 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	5/25/2021 2:52:50 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCO	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All exposed surfaces were dry and blown clean with compressed air; ambient temperature was above 40 deg F. Primer was uniformly spread with rollers over the immediate area to receive the PCO. No puddling was observed. PCO was applied within 15 min and 2 hours of application of the primer. Thickness was measured to be 3/4". Overlay was longitudinally tined (with traffic), up to 2' from the curb. Specs call for tines to be present within up to 1' from curb, unless plans state otherwise. In this case, the plans specify 2' from the curb of PCO being free from tines.	Conformance	4/30/2021 10:51:02 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/3/2021 8:09:44 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		A footer was placed for the pier 2 barrier. The barrier footer was not placed straight. Since the barrier formwork was placed on top of the footer and not flush with the footer face. A ledge of 1.5" to 2" was created. The footer ledge has created a void between the front of the barrier and the trench drain apron. The area in front of the barrier now holds water and debris. Reference Plan Sheet DR-008 Trench Drain and the attached photos.	Addressed	4/6/2021 5:09:20 PM -06:00	NC-2	ENCR 912 was written to address this issue	Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work was performed per plans.	Conformance	3/29/2021 1:07:35 PM -06:00	C		Closed
Central 70	C 0704-241	Temp ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Met with Servitech reps and Kiewit rep at CTMC for new Cover Systems server install. Installed 2 new servers in rack AX08 as was planned. Server install complete and tested.	Conformance	5/7/2021 9:48:57 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Installed all devices in accordance with all CDOT standards and specifications. Installed per plan on sheet ITS-028 and in more detail on sheet SSTR-52.	Conformance	10/28/2021 12:43:33 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Weather Station equipment and wiring installed per plan sheet ITS-048 at Sta: 2535+67	Conformance	5/7/2021 2:54:26 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices installed per plan on sheet ITS-037 and in accordance with all CDOT standards and specifications.	Conformance	6/29/2021 8:33:09 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices and wiring were installed per plansheets ITS-028 & SSTR-53.	Conformance	8/20/2021 2:25:34 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS devices and Wire installed per plan sheets ITS-030 and SSTR-55.	Conformance	6/29/2021 12:30:30 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed in accordance with all CDOT standards and specifications. Devices installed per plan sheet ITS-033 and in more detail on sheet SSTR-60	Conformance	10/29/2021 8:24:25 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All conduit installed per plan on sheet ITS-012 and follows guidelines of Backbone typical section C(ITS-07) and CDOT Lateral 1-2"(ITS-12). Conduit installed in accordance with all CDOT standards and specifications.	Conformance	10/27/2021 1:22:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls	3/22/2021 12:15:38 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Some of the panels set do not have the required 1/2" clearance to the top of barrier that is required for the grout pad. reference attached pictures.	NCR Wrote	4/2/2021 3:49:27 PM -06:00	NC-2	This issue is being tracked via NCR-2591.	Closed
Central 70	C 0704-241	General Work	Cover	4/8/2021 9:37:52 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The structural underdrain was struck when drilled a lighting foundation at the NW corner of Clayton St. Please reference the attached plan sheet CLP-005 for location and pictures.	Addressed	4/9/2021 3:58:45 PM -06:00	NC-2	This issue was tracked via ENCR 0829 and completed 12 Feb 2021.	Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		FDC WB109 West of UPRR follows the plan elevations. Please reference the attached calculations, comments, and pictures. A QCAT Field Resolve Email was generated to ensure this issue was address before wall panel placement.	Conformance	2/10/2021 1:19:25 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Temporary Drainage	Drainage	3/1/2021 4:32:09 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		M-604-25 sheet 1 calls out that the depth of the Vane grate riser thickened edge is to be 16" deep. IQC Checklist for riser pour stated that, "no structure details were used for the temporary inlet." This riser was not constructed per M-Standard. See IQC checklist provided for photos.	See NCR 2551	4/16/2021 9:16:36 AM -06:00	NC-2	NCR 2551 was written to address this issue	Closed
Central 70	C 0704-241	Install Temporary Drainage	Drainage	3/1/2021 4:32:09 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Vane grate inlet was installed in SB Quebec. This inlet is not in Drainage Plans, Temporary drainage phasing.	See NCR 2551	4/16/2021 9:16:28 AM -06:00	NC-2	NCR 2551 was written to address this issue	Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All CDOT specifications have been met during the install of the Manhole	Conformance	2/17/2021 9:22:45 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS ductbank installed per plan on sheet ITS-023 and in accordance with all CDOT standards and specifications.	Conformance	6/29/2021 8:18:48 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The median barrier under the Deluge Cabinets is not built to the approved plans. Please provide documentation as related to what was built in the field. The rebar does not follow the M&S standard for CD barrier.	Field Resolved	4/12/2021 10:00:10 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Rebar sizing and placing was in accordance with general specifications. This was for the walls in the middle portion of the east CBC	Conformance	6/14/2021 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Backfill geotextile was installed per plan.	Conformance	4/27/2021 8:38:07 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS CCTV installed per plan on sheet ITS-046 and in accordance with all CDOT standards and specifications.	Conformance	6/29/2021 1:56:10 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS EFS installed as required per plansheet ITS-050 and in accordance with all CDOT standards and specifications.	Conformance	6/29/2021 1:54:25 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS MVRD is installed per plan on sheet ITS-043 and in accordance with all CDOT standards and specifications.	Conformance	6/29/2021 2:50:42 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices installed per plan from sheet ITS-035 and in more detail on sheet SSTR-65 and in accordance with all CDOT standards and specifications.	Conformance	6/30/2021 1:47:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required on plan sheet ITS-018 and in more detail on sheet SSTR-33A. All devices installed in accordance with all CDOT standards and specifications.	Conformance	7/6/2021 2:09:47 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Foundations were installed per plan.	Conformance	4/27/2021 8:43:32 AM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed is in compliance with all CDOT standards and specifications. Work was installed per plan sheet RMP-010	Conformance	6/18/2021 10:42:13 AM -06:00	C		Closed
Central 70	C 0704-241	Temp ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Server installed as planned per CDOT specifications by Servitech and Kiewit representatives. Network switches are for cover systems.	Conformance	5/7/2021 9:49:43 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The foam, expansion material and vapor barrier were installed in accordance with the plans. Please reference plans sheets CAS-100, CAA-403 and CAS-200. Please see the attached pictures.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls	4/26/2021 10:37:34 AM -06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		the section of coping around the radius does not follow detail G on sheet WS104A.	NDC/FDC was generated to address ADA height compliance issues. It has been RFCd	6/3/2021 9:25:56 AM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		50' CCTV lowering pole installed per plan sheets ITS-013 and ITSID-01.	Conformance	5/3/2021 10:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work was performed per plan.	Conformance	6/7/2021 8:13:38 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All conduit installed in duct bank as planned in sheet ITS-010. Conduit duct bank installed in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 9:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed as required on plansheet ITS-021 and in more detail on sheet SSTR-41 and in accordance with all CDOT standards and specifications.	Conformance	7/6/2021 2:17:22 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		LUS & DMS signs installed per plan sheets ITS-010 & SSTR-14	Conformance	6/23/2021 12:35:26 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All lighting conduit in area installed as required on sheet LI-023 and in accordance with all CDOT standards and specifications.	Conformance	7/1/2021 2:01:55 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit for Ramp meter system installed per CDOT standards and specifications.	Conformance	6/18/2021 2:42:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All foundations for ramp meter system installed per CDOT standards and specifications and in accordance with plans on sheet RMP-005	Conformance	6/18/2021 2:45:50 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and poles installed per plan sheet RMP-009 and in accordance with all CDOT specifications	Conformance	6/2/2021 1:02:11 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All poles and wiring installed as required by CDOT standards and specifications.	Conformance	6/25/2021 5:25:45 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance	Conformance	5/25/2021 2:55:28 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required on plan sheet ITS-026 and in more detail on sheet SSTR-51. Devices installed in accordance with all CDOT standards and specifications.	Conformance	7/6/2021 2:11:56 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS EFS and respective cabinets installed as required on sheet ITS-035 and in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 3:09:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed per plan on sheet ITS-025 and in more detail on sheet SSTR-49. Devices installed in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 3:06:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required on plan sheet ITS-028 and in more detail on sheet SSTR-52. Device installed in accordance with all CDOT standards and specifications.	Conformance	7/6/2021 2:16:05 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS conduit was installed on the Viaduct between Washington and 44th Ave per plan sheets ITS-007, ITSBD-01 & ITSBD-02	Conformance	5/28/2021 8:49:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS CCTV installed as required from sheet ITS-023 and in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 3:05:02 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed in accordance with all CDOT standards and specifications. Installed per plan sheet ITS-017 and in more detail on sheet SSTR-31.	Conformance	10/29/2021 8:28:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All device installed as required on sheet ITS-024 and in more detail on sheet SSTR-48. All devices installed in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 10:32:58 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed as required on plan sheet ITS-019 and in more detail on sheet SSTR-36. All devices installed in accordance with all CDOT standards and specifications.	Conformance	7/2/2021 10:28:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS Cienna 3926 installed into CDOT Type 332 cabinet and installed in accordance with all CDOT standards and specifications. Install data can be referenced on sheet ITS-016.	Conformance	7/2/2021 9:55:13 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Upon delivery, verify receipt of proper material certifications. Inspect pipe and coating material for cracks, defects, and damage that may have occurred during shipping. Verify that smooth lined pipe is being used for irrigation and storm drain systems.		none of the pipe was damaged, and the correct pipe material was used.	Conformance	10/23/2020 7:36:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Upon delivery, verify receipt of proper material certifications. Inspect pipe and coating material for cracks, defects, and damage that may have occurred during shipping. Verify that smooth lined pipe is being used for irrigation and storm drain systems.		Pipe delivered was in acceptable condition.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/21/2019 3:48:03 PM - 07:00	Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		<p>1. From Restricted Activity 0002- Temp Wall at Swansea, General Note K. No support maybe cut without prior approval. No approval was given.</p> <p>2. NDC-000235 was related to the cut allowed behind the Swansea Wall to install the Cover structure under drain. This NDC was not incorporated in the plans and still is in "Preliminary" Status. The detail should have been adjusted from the original NDC above for the new work planned in the area. The cut was created by the drainage crew without a work plan to addresses excavation concerns. Please see the following documents.</p>	It should be noted that the trench box was only used when there was a best being performed or men in the hole. However, we find this acceptable.	12/5/2019 9:30:14 AM -07:00	Audit Comment	The Swansea temporary sound wall designers were consulted about the work taking place in front of the wall. The Crew used a trench box which stabilized the material on exterior of the trench. The supports on the West end of the wall that were removed for trenching were put back in place after the work progressed past that section of wall. In the future KIC crews will get written approval via email from the EOR and attach it to the work plan	Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		Previous safety critical approved.	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		A Safety Critical Plan for trenching has been submitted and approved, and the work in conformance with the plan(s).	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Inlets and pipes were properly staked and matched the plans.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		layout was performed	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Inlets to be placed were properly staked.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Manholes, inlets and pipes were properly staked and match the plans.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey was laid out prior to operation beginning.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM -06:00	Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey for manholes and pipes were visible.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		All drainage structures were marked by survey.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		All pipes were staked properly.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		All survey stakes observed were properly marked.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey stakes observed were marked with correct elevations.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Survey stakes observed matched plan sheets.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were used.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were used.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM - 07:00	Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Monaco NW Corner at Safeway Bottling: SDR to HERCP tee connection was created which is not shown on the plans. Attached is a photo.	047 was created	4/16/2020 11:31:28 AM -06:00	NC-2	Expedited NCR 047 was written to address this issue.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were installed on pipes.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were used on concrete pipes.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Rubber gaskets were used in installation.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Joints for the circular reinforced pipes were made with confined rubber gaskets.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Joints (circular pipe) were made from confined rubber gaskets.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		There were no utility conflicts.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Underground utilities were moved.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Underground utility conflicts located and/or potholed and resolved.		Iron woman found 2 unmarked drainage conduits. Developed acceptable solution	Conformance	5/26/2020 1:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Underground utilities were marked.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved.		Utilities were located prior to operations starting.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		The trench bed was properly graded and compacted.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench was properly graded and compacted.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Trench bed has been properly graded and compacted		proper grade achieved	Conformance	6/16/2020 12:03:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		bedded properly	Conformance	6/9/2020 4:48:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed properly graded and compacted.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	10/8/2020 11:20:59 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		pipe trench bed was properly graded and compacted.	Conformance	10/23/2020 7:36:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		The trench bed was properly graded and compacted.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	Trench bed has been properly graded and compacted		Trench bed was graded and compacted	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		The trench was cut to the appropriate grade and compact.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bottom/ bed was properly graded and compacted.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation of trench matches the plans and specifications	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety	10/28/2020 12:00:00 AM - 06:00	Alignment and elevation of trench matches the plans and specifications		The alignment and elevation of the trench match plans sheets FFH-007 & FFH-009.	Conformance	11/2/2020 12:24:43 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		The elevation and alignment matched Plan Sheets SN50.105 and SN50.106.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover	5/19/2020 11:37:15 AM - 06:00	Alignment and elevation of trench matches the plans and specifications		The alignment and elevations of pipe matched the plans	Conformance	5/18/2020 10:51:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Conformance	Conformance	6/10/2020 5:13:10 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation match the plans and specs.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation of the trench matches the plans and specifications.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation matches the plans.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation of trench & pipe placement matches plans and specifications.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		meets planned grades	Conformance	6/9/2020 4:48:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Trench was aligned properly.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment matched the plans and the elevation of the trench matched the plans and what was staked.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Alignment and elevation of trench matches the plans and specifications		Tench line appears to be correct.	Conformance	6/24/2020 8:12:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench met requirements for width and depth.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench bed matched M&S Standards for dimensions.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimension were adequate.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimension were in conformance with specifications.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		trench properly excavated	Conformance	6/16/2020 12:03:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench met width and depth criteria.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		P-mh-46w6028: conformance	Conformance	6/5/2020 2:02:07 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width does not meet required spec. Approx 240 to the West of inlet # IN-V2-70M2207		12/28/2019 11:15:50 AM -07:00	NC-2	NCR 1745 was written to track this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench box width is 3'-0" wider than the pipe.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width and depth was in conformance.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The pipe excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock).	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		the was a minimum of 18" of clearance between the RCP and the trench sides.	Conformance	10/23/2020 7:36:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		trench was wide enough and deep enough	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were appropriate for pipe size.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench dimensions were adequate.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Conformance	Conformance	6/10/2020 5:13:10 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		conformance	Conformance	6/1/2020 3:05:51 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width exceeds 1'-6" requirement from each side if drainage pipe.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Sides of excavation/ trench were 6" from outside of pipe, Trench depth from bottom of pipe was in compliance with the M&S Plans (3" in soil).	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Type and depth of bedding was in conformance with M&S Standards.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 bedding was used at a depth of 6 inches below bottom of pipe.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The bedding and depths were in accordance with the M&S Standards.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	5/28/2020 12:18:33 PM - 06:00	Check the type and depth of bedding for conformance with M&S Standards.		In looking at IQC drainage checklists it was discovered that the above drainage runs were not backfilled per CDOT M&S standard for HP pipe. The pipes were backfilled to spring line with class 1 then from spring line up with class 2. CDOT M&S shows that HP pipe shall be backfilled with class 1 to 1ft above the pipe.	NCR written	7/1/2020 12:38:47 PM -06:00	NC-2	NCR 2116 was written to address this issue	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding matched M&S Standards.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		All bedding matched M&S Standards.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		3" of Class1 was used for pipe bedding.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding type was #57/67 which was agreed to be used for the slide rail system and CCD systems. it was also carried through this area in york to make the entire cbc system one type of bedding	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 material was placed properly to 1 foot above top of pipe.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The type and depth of bedding conforms with the M&S standards.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Bedding material is class 1 backfill.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Check the type and depth of bedding for conformance with M&S Standards.		proper bedding used	Conformance	3/19/2020 4:02:56 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Check the type and depth of bedding for conformance with M&S Standards.		correct bedding used	Conformance	3/20/2020 12:41:20 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The proper amount of bedding was placed.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM -07:00	Check the type and depth of bedding for conformance with M&S Standards.		Monaco NW Corner at Safeway Bottling: Bedding for the pipe was class 2 material.	047 was created	4/16/2020 11:31:22 AM -06:00	NC-2	Expedited NCR 047 was written to address this issue.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		The type and depth of bedding conforms with the M&S Standards.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check the type and depth of bedding for conformance with M&S Standards.		Class 1 material was used in conformance with CDOT Specifications.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		The pipe matches the class, size and type shown on the plans.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed met requirements on plans.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched plans.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM - 07:00	Pipe matches the class, size and type shown on the plans.		Monaco NW Corner at Safeway Bottling: The plans did not call out pipe at all and crews were installing SDR pipe to tie the existing line to the Elliptical RCP.	047 was created	4/16/2020 11:31:09 AM -06:00	NC-2	Expedited NCR 047 was written to address this issue.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched plans.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Pipe matches the class, size and type shown on the plans.		correct pipe installed	Conformance	6/16/2020 12:03:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed matched plan sheets.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe size matches plans.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Pipe matches the class, size and type shown on the plans.		correct pipe type installed	Conformance	5/26/2020 1:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		P-mh-46w6028: conformance	Conformance	6/5/2020 2:02:07 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		correct pipe installed	Conformance	6/9/2020 4:48:28 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		RCP pipe placed matches the class, type, and size shown on the plans.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		The pipe matches the class, size and type shown on the plans.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched plans.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched plans.	Conformance	10/8/2020 11:20:59 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Checked and measured pipe and it does match the class, size and type shown in plans.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe installed matched plans.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		The steel casing does not extend into the manhole as on Plan Sheet SN50.106. Kevin Smith of CCD agreed that the casing did not need to extend all the way into the manhole. Please see attached correspondence allowing this discrepancy. Please see attached pictures. All of items included in the placement were in accordance with the plans and specifications.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		conformance	Conformance	6/1/2020 3:05:51 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe being installed was 18" RCP as shown on plan sheet DR-143A	Conformance	6/5/2020 2:01:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Conformance	Conformance	6/10/2020 5:13:10 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe placed matched the class, size, and type shown on the plans.	Conformance	4/15/2021 10:15:59 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damage observed	Conformance	6/14/2021 9:26:19 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		Damaged pipe was not used.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damaged pipe prior to install shall not be repaired. The Engineer will determine when the pipe is either acceptable or unacceptable in accordance with the provisions of subsection 105.03. Unacceptable pipe shall be removed and replaced		No damaged pipe was used.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		The trench excavation appears to be correctly aligned and the proper width, the pipe placement began at the downstream end and I observed the crew with a grade rod and laser to check the alignment and elevation.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Pipe installation process is working uphill.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench was properly constructed. When slide rail system was used, appropriate width was maintained	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Survey was present and being verified by crews	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		The trench excavation is correctly aligned and the proper width and the pipe placement begins at the downstream end.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench excavation correctly aligned and proper width. Verify that pipe placement begins at the downstream end. Perform frequent alignment and elevation checks. Be exacting on sanitary sewer grades and flow-line smoothness.		Trench excavation was correctly aligned and at the proper depth.	Conformance	4/15/2021 10:15:59 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	10/8/2020 11:20:59 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		pipe was laid south from the pumpstation to the north.	Conformance	10/23/2020 7:36:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	Pipe placement begun at downstream end?		Pipe was laid west to East.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Placement began at downstream end.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Conformance	Conformance	6/10/2020 5:13:10 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement begun at downstream end. At the time of the audit, pipe placement was approximately halfway into the run, and pipe was being installed from downstream end.	Conformance	6/5/2020 2:01:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began downstream working there way upstream.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Placement of RCP began at the downstream end.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM -07:00	Pipe placement begun at downstream end?		Monaco NW Corner at Safeway Bottling: Pipe was being installed from the high side instead of beginning at the downstream end.	Agreed	4/16/2020 11:30:58 AM -06:00	Audit Comment	Pipe was removed and placed to proper direction.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Placement began at downstream end.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at downstream end.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Placement began at upstream end. Production has written expedited NCR 126, meeting was held discussing process for laying pipe downhill in April.	Field Resolved	5/11/2020 10:27:58 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe rested in contact with bedding.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in bedding.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material at springline.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in bedding material up to springline.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		The entire length of the pipe rested in contact with the bedding material at the proper flow line.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entirety of RCP rests in contact with trench bedding material at the proper flow line.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Bedding material was placed to springline of pipe for entire length.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire pipe rests on bedding material.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Length of pipe run witnessed was in full contact with bedding.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Pipe being installed was resting in full contact with the bedding material.	Conformance	6/5/2020 2:01:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		The pipe for both the 30" line and Purina tie-in were in contact with the bedding.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe rested in contact with bedding material.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was in bedding material.	Conformance	11/3/2020 2:15:01 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of pipe was in contact with bedding material. Class 1 material will be placed through entire reinforced backfill strap zone.	Conformance	10/8/2020 11:20:59 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		The entire length of the pipe rests in contact with the bedding material at the proper flow line.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Outside lap of pipe was placed upstream.	Conformance	10/8/2020 11:20:59 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		CBC was placed in proper direction	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	8/12/2020 12:20:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Outside lap of pipe was placed upstream.	Conformance	8/12/2020 12:27:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		RCP bell is placed upstream.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Grooved end of pipe was placed upstream.	Conformance	6/24/2020 9:55:57 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell of pipe was placed upstream.	Conformance	1/20/2020 7:31:29 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end is placed upstream.	Conformance	3/6/2020 7:40:16 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Pipe placed with the bell or grooved end of RCP upstream.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		P-mh-46w6028: conformance	Conformance	6/5/2020 2:02:08 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end was placed upstream.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	3/17/2020 11:51:15 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	11/17/2020 2:08:39 PM -07:00	Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Monaco NW Corner at Safeway Bottling: Crews were installing the pipe with the pipe being installed backwards. After a field discussion with IQC, PC, & CCD the crew removed the incorrectly installed pipe and reset it correctly.	Field Resolved	3/18/2020 10:29:24 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe was placed upstream.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Bell or grooved end of concrete pipe or outside lap of metal or plastic pipe placed upstream?		Bell end of pipe placed upstream.	Conformance	5/11/2020 10:27:58 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Ensure that all lift holes are properly plugged.		CDOT M&S for CBC shows that lifting anchors shall be grouted. It was found that the anchors were not being grouted IQC and production were made aware of the issue. Plans were made to grout all lifting anchors that were previously buried.	Field Resolved	6/24/2020 8:12:39 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		No pipe was damaged prior to backfill.	Conformance	6/5/2020 2:01:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		The manhole and piping was not damaged during or after installation.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Damage or displacement to pipe or structure corrected before backfill		No damage observed	Conformance	6/14/2021 9:26:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Crew was witnessed placing heavy lifts on both sides of the pipe run not in accordance to Spec. Crew was warned 3 times of excessive material being placed. Each time crew had to remove excessive placed material. After the third warning crew began placing and compacting material per Spec.	Field Resolved	4/15/2021 10:15:59 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of pipe in layers of 6" or less.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety	10/28/2020 12:00:00 AM - 06:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		The entire cross-section of the pipe was encased in flow fill.	Conformance	11/2/2020 12:24:44 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Witnessed backfill material being placed on both sides of pipe in 6" lifts.	Conformance	7/7/2020 12:28:40 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM - 06:00	Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		This was followed.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed in 6-8" loose lifts and compacted.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Jorge's crew was observed placing Class 1 up to spring line on the 42" pipe in one lift also at the same time the crew was observed placing class 2 fill in one 4ft lift. IQC and the superintendent were alerted to the issue and the issue was addressed.	Field Resolved	8/12/2020 12:35:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Crews placed material in layers on both sides of the box.	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		the RCP was backfilled with flow fill. Each side of the pipe was filled evenly.	Conformance	10/23/2020 7:36:50 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe to prevent shifting of the pipe run, and was in layers of 6" or less.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed in proper lift sizes.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		backfilled properly	Conformance	6/9/2020 4:48:28 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		hauled all removed material off-site and backfilled with clean material.	Conformance	5/26/2020 1:58:42 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Please see attachments.		12/28/2019 11:15:54 AM -07:00	NC-2	NCR 1745 was written to track this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities		Required compaction obtained prior to placing successive layers		compaction requirement met	Conformance	3/19/2020 4:02:56 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was achieved. PC and or IQC performed passing density tests.	Conformance	5/11/2020 10:28:30 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was achieved in backfill.	Conformance	5/11/2020 10:29:10 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		I did not observe a density test while I was there, but the contractor crew was doing a good job with the plate tamp in that they were not in a hurry and were using a uniform pattern to ensure that all the backfill material was well compacted.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction requirements were met. PC and/or IQC achieved passing densities.	Conformance	5/11/2020 10:26:56 AM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Required compaction obtained prior to placing successive layers		compaction requirements met	Conformance	3/20/2020 12:41:20 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Required compaction obtained prior to placing successive layers		PC/IQC were on site to perform tests as necessary	Conformance	10/1/2020 10:32:42 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Required compaction was achieved in all lifts.	Conformance	8/12/2020 12:28:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Pipe was being compacted, Ground engineering (IQC) was onsite performing necessary density tests.	Conformance	6/5/2020 2:01:35 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Required compaction was obtained prior to placing successive layers	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		In-place pipe checked for damage prior to backfilling and again before accepting project		In-place pipe checked for damage prior to backfilling, final acceptance not required at this time.	Conformance	12/15/2020 8:52:58 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage	9/21/2020 1:41:47 PM -06:00	In-place pipe checked for damage prior to backfilling and again before accepting project		No damage was witnessed.	Conformance	9/16/2020 11:03:23 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe and structures must be cleaned prior to acceptance		The pipe and manholes were clean when installed. Final visual inspection required for acceptance.	Conformance	5/31/2020 3:46:41 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Archaeological and paleontological materials encountered during the work shall be handled in accordance with subsection 107.23.		Paleo Solutions visits the site to confirm location of all excavations and are monitoring if any materials are encountered.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		If the material is found to be unsuitable, it must be replaced with a material that is suitable for use as an embankment foundation.		No materials have been found to be unsuitable during this mass excavation.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		If the material is found to be unsuitable, it must be replaced with a material that is suitable for use as an embankment foundation.		Material was cement treated to ensure suitability for paving operations.	Conformance	3/11/2020 1:25:47 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		If the material is found to be unsuitable, it must be replaced with a material that is suitable for use as an embankment foundation.		No unsuitable material was used.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		When material becomes saturated due to poor surface drainage, it must be dried.		Material was not saturated.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		When material becomes saturated due to poor surface drainage, it must be dried.		Saturated material was removed, and suitable material was replaced.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		When material becomes saturated due to poor surface drainage, it must be dried.		Embankment was graded to prevent water from ponding on grade, and saturated material was removed.	Conformance	3/11/2020 1:25:47 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		When material becomes saturated due to poor surface drainage, it must be dried.		Team is drying the saturated soils prior to excavation or transportation.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located, and conflicts were resolved.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities had been cleared in this area.	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Conformance	Conformance	9/28/2020 4:50:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		All utilities where potholed, located, and marked prior to excavation.	Conformance	10/26/2021 8:24:13 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		All utilities and other permanent work were marked and protected.	Conformance	12/7/2021 11:49:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located prior to excavation of pond.	Conformance	8/16/2021 7:30:37 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		All applicable erosion and sediment controls were in place.	Conformance	12/7/2021 11:49:23 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		conformance	Conformance	12/4/2020 9:04:42 AM -07:00	C		Closed
Central 70	C 0704-241	Install Temporary Drainage	Drainage		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Environmental controls were placed prior to excavation.	Conformance	3/9/2021 3:54:25 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Conformance	Conformance	9/28/2020 4:50:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		New inlets were protected before excavation	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Conformance	Conformance	9/16/2020 1:41:30 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		inlet protection was in place	Conformance	12/15/2020 8:55:37 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		Inlet protection was in place	Conformance	12/15/2020 8:55:09 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		All BMPs were placed and maintained during operation.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Become familiar with the typical sections of the Contract Plans.		Excavation was performed according to plan and phase for caisson wall lagging.	Conformance	12/7/2021 11:49:23 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that slope stakes are properly set		Stakes were observed being placed by the survey crew.	Conformance	10/26/2021 8:24:13 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Visually check staking for obvious irregularities (e.g., off right of way).		Did not witness any irregularities. All stakes were placed within the project limits.	Conformance	10/26/2021 8:24:13 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the area for unsuitable material and wet spots.		Areas of soft and unsuitable material were removed and cement treated.	Conformance	2/5/2021 9:39:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Observe the area for unsuitable material and wet spots.		No unsuitable or wet spots were observed.	Conformance	11/6/2020 1:37:51 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the area for unsuitable material and wet spots.		No wet spots were noted on the assessment	Conformance	5/11/2020 10:45:05 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the area for unsuitable material and wet spots.		No unsuitable material was observed, soft spots found during proof roll were identified and corrected.	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify removal or treatment based on the direction given by the Project Engineer.		Removals were conducted in accordance with plans	Conformance	2/5/2021 9:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Contractor is using GPS. However, as they get closer to subgrade, survey stakes are typically used.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Control point references were maintained throughout operation.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly prepared for curb and gutter.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Area was cleared and grubbed.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	9/16/2020 11:14:30 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the site has been properly cleared and grubbed		Conformance	Conformance	6/4/2020 7:41:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Top 1' material was removed	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Conformance	Conformance	9/16/2020 8:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Conformance	Conformance	9/16/2020 1:41:30 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		conformance	Conformance	10/28/2020 11:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	10/26/2021 8:24:13 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All excavation activities in areas where asbestos is encountered or expected to be encountered shall conform to...		No asbestos was encountered during excavation operation.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All excavation activities in areas where asbestos is encountered or expected to be encountered shall conform to...		No asbestos was observed in this area. Monitors techs were onsite during excavations.	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All excavation activities in areas where asbestos is encountered or expected to be encountered shall conform to...		No asbestos encountered in this location	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		No organics were in material.	Conformance	9/16/2020 11:14:30 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		No organics found in this location after top 1' was removed.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		No organics were observed	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		Conformance	Conformance	9/28/2020 4:50:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		No unsuitable material was stockpiled for reuse.	Conformance	12/7/2021 11:49:23 AM -07:00	C		Closed
Central 70	C 0704-241	Install Temporary Drainage	Drainage		Verify removal based on directives from the Project Engineer.		Material removed was hauled to proper sites for reuse or stockpiling.	Conformance	3/9/2021 3:54:25 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Overburden shall be removed to the depth required for the production of acceptable material, and at least 5 feet beyond are being excavated. Where topsoil stripping is specified, ensure that topsoil is properly salvaged (see Section 207)		No overburden was located in this area. Top 1' was removed to be used elsewhere on the project or offsite.	Conformance	5/11/2020 10:39:45 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	4/7/2021 4:28:05 PM -06:00	Verify ditch construction (e.g., typical sections, staking, natural drainage, interceptor ditches at tops of cuts).		Business drainage pipe was covered during concrete ditch construction.	NCR 2601 written	6/3/2021 9:18:35 AM -06:00	NC-2	NCR 2601 was written to address this issue.	Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Embankment was protected from damage.	Conformance	12/10/2020 2:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Embankment was protected from weather.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Watch for damage to the embankment (e.g., unexpected high water with respect to design, improperly drained foundation or roadbed, damage from precipitation).		Embankment was not damaged by improper drainage.	Conformance	6/18/2020 10:21:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that the Best Management Practices for water quality control are monitored as required		Conformance	Conformance	9/16/2020 8:07:06 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that the Best Management Practices for water quality control are monitored as required		conformance	Conformance	10/28/2020 11:13:01 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that slopes and transition areas are being treated as specified with regard to keying the new material		Slopes and transition areas were treated with regard to keying new material.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that slopes and transition areas are being treated as specified with regard to keying the new material		Material was keyed in properly.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Criteria is meet for Soil Embankment, Rock Embankment, and Rock Fill		Soil embankment was performed with respect to the specifications.	Conformance	12/10/2020 2:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic or frozen materials were used in the embankment.	Conformance	12/10/2020 2:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Subgrade was maintained free of organic or frozen materials.	Conformance	2/5/2021 9:37:47 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was maintained free of organic and frozen materials.	Conformance	11/11/2020 1:34:50 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No frozen or organic materials were placed.	Conformance	11/19/2020 2:14:46 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was kept free of organic and frozen material.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was maintained free of organic materials.	Conformance	4/27/2021 8:25:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was maintained free of organic and frozen materials.	Conformance	3/9/2021 3:55:09 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material was clean and free of organic and frozen material.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment had no organic materials or frozen materials.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was free of organic and frozen materials.	Conformance	6/24/2020 8:18:23 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		The subgrade material was in accordance with this specification. Please reference the attached pictures.	Conformance	11/6/2020 1:37:51 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was maintained free of unsuitable materials.	Conformance	6/16/2020 12:01:10 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was kept free of organic and frozen materials.	Conformance	8/12/2020 12:29:29 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic or frozen material was present in backfill.	Conformance	4/6/2020 7:10:55 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic material was observed in embankment.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was free of any deleterious material.	Conformance	4/6/2020 7:10:37 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was free of organic and frozen materials.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material was free of organics and was uniformly mixed	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment was kept free of organic material.	Conformance	7/14/2020 12:17:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic material was observed in embankment.	Conformance	6/18/2020 10:21:24 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		No organic material was observed in subgrade.	Conformance	8/3/2020 11:25:38 AM -06:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover	5/19/2020 11:37:15 AM -06:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		The granular bedding material was free of organics and frozen material.	Conformance	5/18/2020 10:51:57 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large rocks or other material was kept in embankment.	Conformance	7/14/2020 12:17:46 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Any large rocks or asphalt was removed.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		All large rocks were removed.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large chunks of rock, concrete, or asphalt were kept in embankment.	Conformance	8/12/2020 12:29:29 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No chunks were in the fill material as it was select and uniformly graded.	Conformance	9/8/2020 9:26:46 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large rocks, concrete, or asphalt chunks were placed.	Conformance	6/16/2020 12:01:10 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Large pieces of material were removed from embankment.	Conformance	2/5/2021 9:34:17 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large pieces of rock, asphalt, or concrete were in embankment.	Conformance	6/24/2020 8:18:23 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		All rocks, concrete, and asphalt chunks were within allowable dimensions.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Rocks were disposed of properly.	Conformance	4/27/2021 8:25:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		No large rocks, concrete, or asphalt was found in embankment material.	Conformance	11/11/2020 1:34:50 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts were placed.	Conformance	11/19/2020 2:14:46 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts were placed.	Conformance	2/5/2021 9:37:47 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment was placed in uniform horizontal lifts.	Conformance	12/10/2020 2:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts were placed.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment was placed in uniform horizontal lifts.	Conformance	4/27/2021 8:25:03 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform horizontal lifts.	Conformance	3/9/2021 3:55:09 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in horizontal lift and did not exceed allowable maximum thickness.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Material was placed in uniform horizontal lifts.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts were placed in up to 8 inch loose lifts.	Conformance	6/24/2020 8:18:24 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		6" of ABC was placed in accordance with lift thickness. Reference plan sheet TS-003A for roadway cross-section.	Conformance	11/6/2020 1:37:51 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Emankment material was placed in uniform horizontal lifts.	Conformance	6/16/2020 12:01:10 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform lifts were placed.	Conformance	2/5/2021 9:34:17 AM -07:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		I observed the contractor placing uniform lifts that did not exceed the allowable maximum thickness.	Conformance	9/8/2020 9:26:46 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform lifts of 6-8" inch loose were placed.	Conformance	8/12/2020 12:29:29 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was place in uniform lifts and within allowable maximum thickness	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment was placed in lifts	Conformance	12/1/2020 12:27:13 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Uniform horizontal lifts were placed.	Conformance	6/18/2020 10:21:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Material was compacted with proper equipment. PC and IQC achieved passing densities on material after compaction.	Conformance	6/18/2020 10:21:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		compaction was tested and passed.	Conformance	12/1/2020 12:27:13 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Embankment material shall be classified into one of the material groups listed below, and placed and compacted in accordance with the appropriate methods specified		Embankment material was appropriately compacted. The top foot of material was cement treated for subgrade preparation.	Conformance	8/12/2020 12:29:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Target densities and moisture contents were achieved.	Conformance	8/12/2020 12:29:29 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Target density and moisture content was achieved.	Conformance	2/5/2021 9:34:17 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Embankment was compacted to target densities.	Conformance	6/9/2020 10:42:02 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was uniform. IQC and PC achieved passing density tests.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		compaction was uniform and controlled.	Conformance	12/1/2020 12:27:13 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was observed. Density tests were taken, moisture content and target density were achieved.	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Adequate compaction effort was applied to embankment. PC and IQC achieved passing moisture densities on embankment.	Conformance	7/14/2020 12:17:46 PM -06:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		I observed PC and IQC running nuclear density tests and all results were acceptable for moisture content and target density.	Conformance	9/8/2020 9:26:46 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was uniformly performed with respect to moisture content and target density.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction to proper density and moisture was completed.	Conformance	3/9/2021 3:55:09 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		IQC confirmed density/moisture tests were passing.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction was performed with respect to target densities and moisture content.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was observed and target moisture and density was achieved.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction operation was uniform.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Subgrade was compacted to target density.	Conformance	2/5/2021 9:37:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Monitor the operation of specialized compaction equipment for compliance.		Proper compaction equipment was used.	Conformance	3/9/2021 3:55:09 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Monitor the operation of specialized compaction equipment for compliance.		Proper compaction equipment was used.	Conformance	2/5/2021 9:34:17 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Monitor the operation of specialized compaction equipment for compliance.		Compaction equipment was in accordance with this specification.	Conformance	11/6/2020 1:37:51 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		No rock material was in top 2 feet of embankment.	Conformance	6/24/2020 8:18:24 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment were rock free.	Conformance	5/11/2020 10:41:58 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		The top two feet of embankment was constructed with rock free material.	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		no rocks were witnessed in the top 2 feet.	Conformance	12/1/2020 12:27:13 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top 2 feet of material was rock free.	Conformance	4/27/2021 8:25:03 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of embankment material placed was free of rock material.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top 2 feet of material was rock free.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top 2 feet of embankment was rock free.	Conformance	12/1/2020 12:25:13 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top 2 feet of material was rock free.	Conformance	11/11/2020 1:34:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Checked top two feet of embankment material as area was being constructed. Material was rock free.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Check that the top two feet of embankment is constructed with rock free material.		Top two feet of material was rock free.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted and was in conformance to spec.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted and soft spots identified and corrected.	Conformance	11/19/2020 2:14:46 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Informational proof rolls were conducted, and soft spots were corrected.	Conformance	12/10/2020 2:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in conformance to spec.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in accordance with specifications.	Conformance	4/27/2021 8:25:03 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		IQC performed a proof roll.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		proof roll was performed and passed before base was placed. Also performed after base and passed.	Conformance	12/1/2020 12:27:13 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof Roll was conducted and no soft spots were identified.	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The proof roll was conducted in conformance with the specification?		Proof Roll was conducted in conformance with specification prior to placement of base course.	Conformance	6/24/2020 8:18:24 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The proof roll was conducted in conformance with the specification?		Initial inspections were complete by Dan Cannan of IQC on October 21, 22, 23 and 24. The final inspection with proof roll was completed by Arlo Carpenter of IQC on October 28th. Please see attached.	Conformance	11/6/2020 1:37:51 PM -07:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		The proof roll was conducted in conformance with the specification?		I observed the proof roll and it was in conformance with the specifications.	Conformance	9/8/2020 9:26:46 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Material was placed to avoid damage to adjacent structures.	Conformance	6/16/2020 12:01:10 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Embankment material was placed to avoid damage to inlets and other structures.	Conformance	4/6/2020 7:10:55 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		No structures were damaged during compaction.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Material was placed to avoid damage to structures.	Conformance	11/11/2020 1:34:50 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Unsuitable materials were removed from embankment.	Conformance	11/19/2020 2:14:46 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No unsuitable material was used.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No unsuitable materials were placed.	Conformance	12/1/2020 12:25:13 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		No unsuitable material was placed in subgrade.	Conformance	4/6/2020 7:10:55 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Area was checked for conformance.	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed
Central 70	C 0704-241	Earthwork	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		QCATs met with PC (John T and Hannah) on site to discuss the non-conformance in regards to the ditch grading and side-slopes not matching sheet RDGD-036 in the EB Off Ramp - Peoria gore. This will lead to further investigation on the elevation and orientation of Inlet. Due to the grading not matching the plans and in the location it was, KIC was to set out a shoulder closure to delineate/protect the slope and area.	Field Resolved	6/5/2020 6:18:49 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Cross section was formed in conformance with plans.	Conformance	2/5/2021 9:37:47 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Cross section was in conformance in regards to tolerances of typical section for the area.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Cross sections were maintained.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Roadway grade was as-built and met density requirements.	Conformance	2/5/2021 10:37:41 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Roadway grade and prism were within tolerance. Embankment construction met density requirements of the contract.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Grade was constructed properly, and passing densities were achieved.	Conformance	8/3/2020 11:25:38 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		Subgrade was walked down with iqc and observed by CDOT.	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM - 06:00	The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		PC, IQC, BNSF reps, and CDOT reps were on site during testing and final proofroll	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		The Department's inspectors have a responsibility to thoroughly inspect all subgrade in cooperation with the Contractor's forces.		IQC and QCATs inspected subgrade prior to concrete placement.	Conformance	12/1/2020 12:25:13 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was constructed to proper elevation and grade, and as-built.	Conformance	12/16/2020 11:49:37 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was constructed to the required cross slope elevation.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was inspected to ensure conformity to slope and elevation.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was as built by survey and inspected by IQC.	Conformance	2/5/2021 9:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was checked for slope, elevation, and alignment prior to curb placement.	Conformance	7/23/2021 1:03:11 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was inspected and elevations checked for conformance. An area of approximately 100' starting from the RTD bridge tie in going north was found to be at the incorrect elevation, and was not approved by IQC for pour.	Conformance	4/5/2021 10:31:10 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM -06:00	1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		GPS and survey were used to verify the grade/elevations of the sub-ballast. It was graded to drain appropriately.	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Subgrade was checked string line and levels off of forms.	Conformance	4/6/2020 7:10:37 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Grade was checked after construction.	Conformance	4/6/2020 7:10:55 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Survey stakes were present at time of base placement.	Conformance	5/11/2020 10:45:05 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		1. Check that subgrade/base has been constructed, string-lined and inspected to assure that the required cross-slope, elevation, and alignment has been obtained as required pursuant to the contract.		Typical Sections for 46 North and Josephine were not followed. This resulted in the removal of all 46 N Pavement.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade did not meet 203.4 Spec which states: Where asphalt or concrete surfacing materials are to be placed directly on the subgrade. The subgrade plane shall not vary more than 0.04 foot.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Grade was met.	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was free of ruts and irregularities	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		No ruts were present at time of base placement.	Conformance	5/11/2020 10:45:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required grade. Survey performed as built of detour.	Conformance	3/11/2020 1:25:47 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required section.	Conformance	4/6/2020 7:10:37 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required grade and section.	Conformance	6/15/2020 5:12:37 PM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM -06:00	2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		No irregularities were noted. It was uniformly compacted.	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		After IQC Grading approval, several areas of the grade were observed to have excessive amount of moisture, possibly caused from snowmelt runoff. After this was identified and communicated to IQC Flatwork Inspector and Flatwork Foreman, the saturated material was removed and replaced, and area re-inspected by WAQTC qualified IQC inspector.	Field Resolved	4/5/2021 10:31:10 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The CTS was shaped to the required grade and section.	Conformance	2/8/2021 2:09:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was free from irregularities.	Conformance	7/23/2021 1:03:11 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to the required grade and the CTS operation commenced.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required grade and section, and was rut free.	Conformance	12/1/2020 12:24:19 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		Subgrade was shaped to required section.	Conformance	12/1/2020 12:25:13 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		3. Ensure that the specified materials have been incorporated into the work in accordance with .		New materials and dry cement were incorporated properly with grade.	Conformance	2/5/2021 9:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to at least 95% max density within optimum moisture content.	Conformance	2/5/2021 9:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required moisture and density.	Conformance	12/1/2020 12:24:19 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required moisture/density.	Conformance	12/16/2020 11:49:37 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade (CTS) and base were compacted and met density and moisture when tested.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required moisture density.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted properly, met density and moisture requirement.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM - 06:00	4. Check that the subgrade/base has been compacted to the required moisture/density.		OVT, IQC and PC struggled getting their required densities. They each took a sample to verify proctors which in turn should verify their tests as acceptable. OVT took a one-point sample in this location. To close this audit comment, please included passing test #'s and new proctor information.	OVT results also passed.	6/1/2020 4:13:24 PM -06:00	Audit Comment	PC results were sent to the Department team. My understanding is this issue is resolved VIA the OVT/IQC whats APP.	Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted properly, density tests performed and passed.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	4/6/2020 7:10:37 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	6/15/2020 5:12:37 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		PC/IQC was onsite during compaction operations.	Conformance	5/11/2020 10:45:05 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to required density.	Conformance	4/6/2020 7:10:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Base and Subgrade was compacted to required moisture/density.	Conformance	10/1/2020 10:35:48 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots or rutting was found during proof rolling operation.	Conformance	10/1/2020 10:35:48 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Softs spots were identified and corrected.	Conformance	11/5/2020 11:32:18 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		IQC was onsite for proof rolling operations, soft spots were identified and corrected.	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots or ruts were observed in subgrade.	Conformance	3/11/2020 1:25:47 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During proof roll operation a soft spot was identified and corrected.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM - 06:00	5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Only two minor soft spots were noted during the proofroll. These areas were recompacted until movement ceased.	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Soft spots identified during proof rolling operation were corrected prior to paving.	Conformance	8/10/2021 9:25:57 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof roll was conducted and no soft spots were identified.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof rolling operation occurred, and soft spots identified.	Conformance	12/16/2020 11:49:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spots were identified during proof roll.	Conformance	12/1/2020 12:24:19 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		No soft spot were identified during proof roll operation.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		IQC identified a few soft spots during the proof roll; Material was removed from the subgrade and was replaced with aggregate base course.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		All soft spots were corrected prior to paving.	Conformance	12/16/2020 11:49:37 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Any soft spots should be corrected before the paving operation begins.		No soft spots were observed prior to curb placement.	Conformance	7/23/2021 1:03:11 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots were corrected prior to paving.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots identified during proof rolling operation were fixed prior to paving.	Conformance	6/15/2020 5:12:37 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Any soft spots should be corrected before the paving operation begins.		No soft spots were identified during inspection.	Conformance	4/6/2020 7:10:37 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		No soft spots were found at the southern tie in. Pavement took place.	Conformance	5/11/2020 10:45:05 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Softs spots were identified and corrected.	Conformance	11/5/2020 11:32:18 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots were corrected prior to paving	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		No soft spots were found.	Conformance	10/1/2020 10:35:48 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Work was adequately protected.	Conformance	10/1/2020 10:35:48 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		6. Ensure that the work has been adequately protected once the subgrade has been approved in accordance with the specification.		Site was graded so that water would drain away from area, and protected with blanket prior to concrete placement.	Conformance	2/27/2020 6:47:42 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Pavement was placed within 48 hours of proof roll.	Conformance	6/15/2020 5:12:37 PM -06:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM -06:00	7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Ballast was being placed in this area on 5/15/2020.	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		HMA was placed within the allowable time frame allowed per spec.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Asphalt was placed on subgrade within 48 hours of proof roll.	Conformance	3/11/2020 1:25:47 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Paving began within timeframes allowed.	Conformance	10/1/2020 10:35:48 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Pavement was placed the same day soft spots were corrected 07/16/2020	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Base course was placed within 48 hours of proof rolling.	Conformance	11/19/2020 2:14:46 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Base course was placed within 48 hours of proof roll.	Conformance	12/1/2020 12:24:19 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		After base course was approved. HMA was placed within 48 hours.	Conformance	5/10/2021 2:58:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Initial paving began within 48 hours of an approved proof roll	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Initial pavement course was placed right after subgrade was sold.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/21/2019 2:14:28 PM -07:00	b. Concrete glare screen shall be poured monolithically with the construction of new concrete barrier. (*CO-014)		Barrier/Guardrail Transition section is not poured monolithically. Note Plan Sht RDDT-01 allows construction joint, however, PA Sch 10, Section 9.4.12 requires the monolithic pour. Note This is typical for all locations poured prior to and including 11/20/19. Approximate locations are station 2228+00, 2246+00, 2255+00 (between Central Park entrance and exit ramps)	It is acceptable at these locations only.	12/3/2019 4:41:09 PM -07:00	Audit Comment	The design for the transition pieces call out a construction joint on the plan sheets due to constructability issues. block outs for light blisters and signs will have the construction joint between the foundation pour and the glare screen transition.	Closed
Central 70	C 0704-241	SX	Roadway		The pre-paving conference must be held two weeks prior to the placement of any pavement. The mix design provided in the meeting approved? (Reference Spec and Special for more information)		A pre pave conference was held prior to placement of final surface.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Base course was above freezing at time of placement.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Subgrade was suitable for paving.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	3/9/2021 9:27:42 AM - 07:00	Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		HMA was not placed on frozen sub grade. But due to changes in ambient temperatures, the soil conditions changed causing pumping, rutting, and mud.		4/12/2021 10:01:08 AM -06:00	NC-2	ENCR 0914 was written to address this issue	Closed
Central 70	C 0704-241	HMA	Roadway	11/25/2019 12:00:00 AM - 07:00	Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		From visual inspection, no frozen sub-grade was found. No observation was present while the sub-base was built up to final grade. Since the area was so small, no proof roll was conducted. Please reference the attached CCD standard that was used.	Conformance	11/25/2019 1:18:59 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Paving was not conducted on frozen material.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		HMA was not placed on frozen subgrade or setting bed.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen ground.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade.	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		HMA was not placed of frozen subgrade	Conformance	6/18/2020 10:20:45 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		HMA was not placed on frozen subgrade.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Review the Contract limitations with respect to cold-weather paving and inclement weather, including allowable conditions for placing prime and tack coats and underlying pavement layers and surface lifts.		Cold weather paving plan was not needed, temperatures were above 50 degrees during paving operations.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded properly to meet grade and cross section.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was compacted properly, however grade elevations were identified as being off. IQC identified grade differences, and immediately stopped paving operations. Area was reworked, and reapproved prior to paving.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		QCAT informed IQC that area noted in Pic 1,2, and 3 needed subgrade compaction prior to HMA being placed. By the time IQC made it to noted area HMA was being placed. IQC informed paving foreman and HMA was removed from area. Subgrade was then compacted and HMA was placed. QCAT later began taking measurements of area and noticed contractor did not have compaction equipment small enough to compact a certain area of newly placed HMA. See Pic 4,5, and 6. Contractor milled out newly placed HMA in noted area in order to accommodate small plate compactor.	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to HMA placement.	Conformance	6/18/2020 10:20:45 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was properly graded and compacted.	Conformance	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to HMA placement.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was properly graded and compacted prior to HMA placement.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Grade was uniform	Conformance	1/21/2021 12:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly. New base material was brought to uniform grade and cross section.	Conformance	10/21/2020 1:15:11 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	8/12/2020 5:02:33 PM - 06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		East tie in of the driveway was 1-2" thin, production said they would saw cut and remove the concrete that is thin which is 1ft west of current saw cut joint. Please respond with the ENCR # to track this item since removal will be 8-12mo out.	ENCR 685 written. R&R scheduled for Summer of 2022.	5/17/2021 9:24:28 AM -06:00	Audit Comment	This concern was not escalated to an ENCR. After discussions in the field with IQC and the department this was resolved and built to plan.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	8/12/2020 5:02:33 PM - 06:00	Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The department found the Subgrade had irregularities and was short 3-4" of depth on various locations in the driveway and bus pad. The Subgrade was signed off on by IQC on 6/30/20. Since the crew was unable to resolve the subgrade not being deep enough half of the pour required being bulkheaded off till equipment was brought back to the area. See audit comment below for issues in the driveway.	Field Resolved	8/12/2020 12:18:56 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was CTS. Surface was graded and compacted properly prior to base being placed.	Conformance	10/2/2020 2:50:51 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		No irregularities present.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly.	Conformance	4/27/2021 8:31:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		After checking with stringline, a second high spot of 2.25" from top of RBL mat was found in the soft spot repair area. RBL mat in this pavement section is required to be 2.5". Jon Green proposed using as is without regrading. After discussion with PC, IQC, and QCATs, the decision was made to regrade this area to meet mat thickness requirements.	Field Resolved	11/23/2020 4:35:33 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface treated was graded and base material placed was brought to uniform grade and cross section.	Conformance	4/15/2021 10:17:42 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		TS-026/TS-011 was not followed to the extents shown on the plan. Field meeting held with PC and IQC in field. Area to be removed and replaced.	Field Resolved	10/21/2020 1:14:18 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Base course was properly graded and compacted.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and properly compacted.	Conformance	2/8/2021 2:09:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was properly graded and compacted prior to HMS placement.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified on the CTS.	Conformance	2/8/2021 2:09:24 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified during proof roll operation and corrected by the contractor.	Conformance	4/5/2021 10:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified during proof roll operation.	Conformance	4/15/2021 10:17:42 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Subgrade was not frozen; soft spots identified by IQC and corrected.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		During Proof roll operation, multiple soft spots were identified in the grade. Operations decided that an approved temporary detour soft spot repair method, utilizing Geogrid at the bottom of the asphalt mat, as well as a thickened pavement section, would be implemented. IQC agreed, and the Department was made aware of the situation. Paving operation occurred, and remaining areas of unsuitable pavement will be identified by IQC for removal.	Field Resolved	4/26/2021 1:19:57 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified during proof roll and corrected by the contractor.	Conformance	10/2/2020 2:50:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork	8/12/2020 5:02:33 PM - 06:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots repaired	Conformance	8/12/2020 12:18:56 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		there were no soft spots in the area and the grade was not frozen	Conformance	1/21/2021 12:47:10 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spot was identified during paving operation by QCAT. Paving Superintendent, PC, and IQC were notified. Paving Superintendent agreed with identified soft and continued to pave over soft spot, in agreement that area was to be removed and replaced.. QCAT and IQC met in the field and set limits of removal.	Field Resolved	5/18/2020 8:37:52 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spot was identified during proof roll and repaired prior to HMA placement.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		All soft spots were corrected prior to paving.	Conformance	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		No soft spots were identified.	Conformance	6/18/2020 10:20:45 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Proof roll was conducted and soft spots were identified. Contractor repaired soft spots, proof rolled repaired area, density tests were performed and passed	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots (6) were identified on first lift of HMA by QCAT. QCAT informed IQC inspector. IQC informed paving foreman of identified soft spots on first lift of HMA. No HMA was placed until soft spots were corrected. Soft spots were corrected on 12/22/19 with flashfill and paving resumed.	Conformance	12/30/2019 10:38:19 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified. 1 soft spot was observed during paving operations approximately 10 feet south of the Glencoe intersection, 15 feet east of the sanitary manhole. IQC Paving inspector contacted the IQC grading inspector, and then isolated soft spot. Area was reworked, and then reapproved prior to paving.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spot was identified and corrected prior to first lift of HMA.	Conformance	6/22/2020 8:56:52 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		There were no soft spots observed in the subgrade.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof roll was conducted.	Conformanc e	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork	8/12/2020 5:04:11 PM - 06:00	Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		After placing first 5-6 trucks of HMA, it was discovered that there was no documentation of a proof roll on the area to be paved. IQC stopped paving operations and proof rolled subgrade that had not been paved at that time.	Field Resolved	8/3/2020 11:27:20 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof roll was conducted in accordance with specifications.	Conformanc e	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof roll was conducted in accordance to Spec.	Conformanc e	4/15/2021 10:17:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Were the Certificates of Compliance for this materials submitted?		COC's have been submitted.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the surface to be treated properly prepared?		The surface to be treated was properly prepared, swept and clean.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Is the surface to be treated properly prepared?		The surface to be treated was properly prepared, swept, and clean.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Is the surface to be treated properly prepared?		The surface to be treated was properly prepared- lift to be paved was swept, debris picked up, in a dry condition.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the surface to be treated properly prepared?		Existing asphalt mat was swept and cleaned prior to tack application.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the surface to be treated properly prepared?		Surface was properly prepared prior to tack being placed.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the surface to be treated properly prepared?		Surface was treated and properly prepared prior to placing first lift on HMA.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the surface to be treated properly prepared?		Surface was swept, clean and dry.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/9/2020 4:51:16 PM - 06:00	Is the surface to be treated properly prepared?		Surface apparently was not properly treated prior to Tack Placement. PC was notified.		11/6/2020 10:30:40 AM -07:00	Audit Comment	The Tack placement was remediated on the surface. PC and IQC agree the tack coat on the curb and gutter was questionable. The foreman has been directed to re-tack if any area is questionable.	Closed
Central 70	C 0704-241	SMA	Roadway		Is the surface to be treated properly prepared?		Surface of asphalt was properly prepared.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the surface to be treated properly prepared?		Surfaces to be tacked were swept clean prior to tack.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Were the irregularities in the existing pavement or base brought to uniform grade and cross section?		The irregularities of the grade were addressed before paving began. Please reference audit CVI_Earthwork_Subgrade_MBailey_123 for grading information.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Were the irregularities in the existing pavement or base brought to uniform grade and cross section?		The irregularities in the existing pavement or base have been milled, brought to uniform grade and cross section.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Is the existing surface properly repaired, patched and cleaned?		The existing surface was properly repaired, patched, and clean.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Is the existing surface properly repaired, patched and cleaned?		The waterproofing membrane on bridge decks (DRIR and Quebec) was repaired (where needed), patched, and clean.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the existing surface properly repaired, patched and cleaned?		Existing surface was properly repaired after visible crack was noticed prior to placing HMA.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept of all debris and loose gravel.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept and cleaned properly.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/9/2020 4:51:16 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		After PC was notified surface was not swept to remove accumulations of loose gravel.		11/6/2020 10:31:29 AM -07:00	Audit Comment	The paving operation was halted in this area. The night shift came in cleaned and re-tacked the area prior to continuing pavement. IQC was scheduled and the hold point for tack placement passed.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was blown off prior to to asphalt placement. However the debris which included wood and styrofoam were not removed. This section asphalt was removed after placement. NOTE: It was observed that PC and IQC were watching this operation.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept prior to tacking.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface of milled asphalt was swept to remove accumulations of loose gravel and debris.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	5/11/2020 7:44:42 AM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was tacked prior to HMA placement. Surface was not protected for the majority of the day. Question was asked if surface was going to be cleaned prior to re-tacking/HMA placement. The answer was no. HMA was placed. See Pics.		6/16/2020 11:20:14 AM -06:00	NC-2	Expedited NCR 0296 was written to address this issue	Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept and all loose gravel and debris were removed prior to tack placement.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept clean to remove loose gravel and debris.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Sweeper was used to remove loose gravel and debris prior to tack being placed.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove loose gravel and debris.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was not swept to remove accumulation of dirt caused by dump trucks before placement of tack.		2/10/2020 8:09:44 AM -07:00	NC-2	NCR 1944 was written to resolve this issue	Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept and cleaned of loose gravel and debris.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		Surface was witnessed being swept to remove debris prior to tack placement.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept from all loose gravel and debris prior to tack application.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Are the vertical faces free of tack?		Appropriate tack was placed on vertical surfaces. (Curb and Gutter and Approach Slab)	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Are the vertical faces free of tack?		Vertical faces were free of tack.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		The contact surfaces of curbing, gutters, manholes, and other structures were uniformly coated with asphalt cement prior to placing asphalt mixture.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		The contact surfaces of curbing, gutters, manholes, and other structures were uniformly coated with asphalt cement prior to placing asphalt mixture against them.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		All contact surfaces received a layer of tack.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	5/11/2020 7:44:42 AM - 06:00	Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Contact Surface of gutter was tacked the day prior. Tack was not reapplied the following day prior to HMA placement.		6/16/2020 11:20:19 AM -06:00	NC-2	Expedited NCR 0296 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Contact surfaces were uniformly coated prior to HMA placement.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Contact surfaces were tacked.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM -07:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Tack coat was applied between pavement layers in accordance with Section 407.	Conformance	12/30/2019 10:38:19 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		Tack coat was applied between the pavement courses/lifts.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	When ordered by the Engineer or specified in the Contract, was a tack coat applied between the pavement courses layers in accordance with Section 407?		As specified in the Contract, tack coat was applied between the pavement courses layers in accordance with Section 407.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the Application of Tack Coats and prime coat materials should applied beyond the limits of the final surface course?		Tack coat was applied beyond the limits of the final surface course.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Was the Application of Tack Coats and prime coat materials should applied beyond the limits of the final surface course?		The application of tack coat and material were applied beyond the limits of the final surface course.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application, no overspray noted.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application, no overspray or smearing was observed.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		The sprayed tack was allowed to break after application, but observed that tack was sprayed on temporary barrier, due to equipment malfunction. Temporary barrier was not cleaned.	Adequate	7/21/2021 2:41:41 PM -06:00	Audit Comment	Temporary barrier typically doesn't need to be cleaned to function properly. The tack truck sprayer issue was remediated.	Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application and before HMA was placed.	Conformance	12/30/2019 10:38:19 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after application.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack broke prior to HMA placement.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break after after application prior to paving.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to placing HMA.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to asphalt placement, no overspray observed.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was applied and allowed to break prior to asphalt placement.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Was the asphalt cement heated to the specified temperature without local overheating?		The asphalt cement was heated to the specified temperature with no local overheating.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the asphalt cement heated to the specified temperature without local overheating?		The asphalt cement was heated to the specified temperature without local overheating.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Was the asphalt cement heated to the specified temperature without local overheating?		The asphalt cement was heated to the specified temperature without local overheating.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the rate of application, temperatures, and areas to be treated approved prior to application of the coating?		The rate of application, temperatures, and areas to be treated were approved prior to application of the coating.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the application uniform and continuous at the specified rate? Does the spray bar nozzles deliver without streaking? Was excess application corrected? Was overspraying an issue? (curb, gutters, and barrier)		The application was uniform and continuous at the specified rate, the spray bar nozzles delivered without streaking, overspraying was not observed.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Is the application uniform and continuous at the specified rate? Does the spray bar nozzles deliver without streaking? Was excess application corrected? Was overspraying an issue? (curb, gutters, and barrier)		The application was uniform and continuous at the specified rate, the spray bar nozzles delivered without streaking, no overspray or excess application noted.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the application uniform and continuous at the specified rate? Does the spray bar nozzles deliver without streaking? Was excess application corrected? Was overspraying an issue? (curb, gutters, and barrier)		Tack coat was uniform, continuous, no streaking, no excess application, no overspray.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Tack was placed on clean and dry surface, weather conditions were acceptable.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Surface was dry and clean, temperature was 55 degrees.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/25/2019 12:00:00 AM - 07:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		The pavement area and the weather were appropriate for the placement of tack. Tack was properly place on all vertical faces before asphalt was placed.	Conformanc e	11/25/2019 1:18:59 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Weather conditions were dry and warm.	Conformanc e	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Tack coat was placed when the surface was dry, weather conditions were acceptable for tack coat and asphalt pavement placement.	Conformanc e	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		The surface of the previously placed asphalt mat was not wet, and no adverse weather conditions noted.	Conformanc e	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Tack was placed under proper weather conditions.	Conformanc e	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Equipped with proper spread rate and temperature controls? Capable of positive cut-off? Spray width properly set (15 feet)?		The tack truck was equipped with proper spread rate and temperature controls, capable of positive cut-off, spray width set to match roadway width.	Conformanc e	8/19/2021 1:48:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Equipped with proper spread rate and temperature controls? Capable of positive cut-off? Spray width properly set (15 feet)?		Tack truck was equipped with proper spread rate and temperature controls, and is capable of positive cut-off, and spray width properly set.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was blotter material available if needed? Where traffic must be maintained on the treated lane and the material does not adequately penetrate the surface, was blotter material spread to absorb excess bituminous material?		Blotter material was available, was not needed.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		Traffic was kept off the material as long as practical.	Conformance	9/30/2021 7:25:05 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Was the traffic kept off the material as long as practical?		No traffic on material until finish rolling completed and surface temperature was 110 F.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the traffic kept off the material as long as practical?		Traffic was kept off tack as long as practically possible.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Was the traffic kept off the material as long as practical?		Traffic was kept off of tack coat for as long as practical.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		All traffic was kept off tack until it broke.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the traffic kept off the material as long as practical?		Equipment Traffic was kept off of tacked surface until tack broke.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		Traffic was kept off HMA as long as practical.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		Paving equipment was kept of the material as long as practical.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were good, ambient and surface temperatures were 50 to 58 degrees.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	3/20/2020 3:02:27 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM -07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for placing asphalt.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM -07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	2/7/2020 6:42:53 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM -07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/22/2019 10:11:54 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperatures were acceptable for paving.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperatures were acceptable for paving.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperatures were acceptable for paving.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Surface was clean and dry, ambient temperature was 49 degrees F, surface temperature was 50 degrees F.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable, ambient temperatures ranged from 80 to 60 degrees F., surface temperatures ranged from 100 to 75 degrees F.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions and temperatures were acceptable for SMA placement	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for asphalt placement. High of 86degrees F, surface temperature was 88 degrees F.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		The weather conditions were acceptable for paving.(Sunny, High:91F, Low:73F)	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperature was within specification.	Conformance	8/21/2020 4:26:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		in conformance	Conformance	10/5/2020 6:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperatures were acceptable for paving.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperatures were acceptable for paving.	Conformance	10/7/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions and temperatures were acceptable for paving.	Conformance	9/2/2020 7:52:49 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were dry, ambient and surface temperatures were within specification.	Conformance	9/16/2020 11:10:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for Paving.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/27/2021 12:44:06 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/27/2021 8:34:13 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperatures were acceptable for paving this night.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	7/9/2021 8:04:32 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather condition were acceptable for paving	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Ambient and surface temperature were in specification for paving.	Conformance	11/2/2020 3:52:16 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperatures were acceptable for paving.	Conformance	10/26/2020 10:41:14 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix met specifications.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix meets specifications.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		The delivered plant mix temperature was within specifications.	Conformance	10/26/2020 10:41:14 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix was within specifications.	Conformance	11/2/2020 3:52:16 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of mix met specifications.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix met specifications.	Conformance	7/9/2021 8:04:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered mix met specifications.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix temperature met specifications.	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix temperature was acceptable.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Delivered plant mix was within specification.	Conformance	9/16/2020 11:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of mix was acceptable.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix met required temperature range.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered mix was within specification.	Conformance	9/2/2020 7:52:49 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix meets specification.	Conformance	10/7/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		Delivered plant mix temperatures were within specification.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix temperature met specifications.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Delivered mix was within specification.	Conformance	8/21/2020 4:26:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		Delivered plant mix was within specification.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Temperature of delivered plant mix meets specifications?		Delivered asphalt mix temperatures met specification.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Delivered plant mix was within specification.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Temperature of delivered plant mix meets specifications?		Delivered plant mix temperature was within specification.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	Temperature of delivered plant mix meets specifications?		Temperature was being checked by IQC behind the paver during operation.	Conformance	11/22/2019 10:11:54 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered mix was in Spec. Temperature was being checked by IQC.	Conformance	2/7/2020 6:42:53 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix was placed at acceptable temperatures.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered mix met specifications.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Delivered mix met temperature specifications.	Conformance	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	The type of material transfer device (MTD) being used?		No MTD was used during asphalt operation.		4/13/2020 2:16:28 PM -06:00	Audit Comment	MTD will be used on the majority of the level up and ML paving when feasible	Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	The type of material transfer device (MTD) being used?		No MTD was used during this operation.		6/16/2020 11:16:44 AM -06:00	Audit Comment	material transfer devices will not be used in small local paving area.	Closed
Central 70	C 0704-241	SX	Roadway		The type of material transfer device (MTD) being used?		Using Cold Cal to charge paver hopper.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		The type of material transfer device (MTD) being used?		MTD was being during paving operation.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	The type of material transfer device (MTD) being used?		No MTD was used for paving operation.		6/16/2020 12:25:08 PM -06:00	Audit Comment	Shuttle buggy does not fit under the bridge at Peoria.	Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM -06:00	The type of material transfer device (MTD) being used?		No MTD was used during this operation.		4/13/2020 2:15:34 PM -06:00	Audit Comment	Acknowledged	Closed
Central 70	C 0704-241	HMA	Roadway		The type of material transfer device (MTD) being used?		MTD was used during operation.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used to pick up windrows and dump into hopper.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy used to transfer material.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		Weiler brand MTD used to move windrows from belly dump trucks to paving machine hopper.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	The type of material transfer device (MTD) being used?		MTD buggy used to move SMA to hopper.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used to pick up windrows and to dump in paver hopper.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used for material transfer device.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used for paving operations.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used for MTD.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The type of material transfer device (MTD) being used?		A shuttle buggy was in use.	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	The type of material transfer device (MTD) being used?		Shuttle buggy was used as MTD.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The type of material transfer device (MTD) being used?		A MTV was used for paving operations.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used as the type of material transfer device.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		21 Belly dumps were used for tonight's paving operation.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		8 Belly Dumps were used to haul asphalt material.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Used 7 Belly Dumps for paving this night.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Seven belly dumps used for paving operations this shift.	Conformance	7/9/2021 8:04:32 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		One (1) tandem dump truck was used.	Conformance	11/2/2020 3:52:16 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		One (1) tandem dump truck was used this evening.	Conformance	10/26/2020 10:41:14 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		6 tandem dump trucks were used this evening.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		One tandem end dump was used.	Conformance	9/2/2020 7:52:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		12 belly dump trucks were used for paving operations.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Two tandem dump trucks used.	Conformance	8/21/2020 4:26:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		There were 10 belly dumps used this evening (5-19/20-2020) for SMA placement	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		8 tandem dump trucks used this evening.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		10 belly dumps were used for paving operations this night.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		6 Belly Dumps were being used on rotation during paving operation.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		No change in mix noted	Conformance	10/5/2020 6:43:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		Delivered SMA was uniform in appearance, not segregated, no drain down observed.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		No differing appearance in loads being placed. Asphalt delivery tickets were being checked periodically by QCAT.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Differing appearance in subsequent loads may indicate an unacceptable change in mix proportions or temperature. The Project Inspector should notify the Construction Manager if any of the previous conditions occur. 1) Is the appearance of the load seam peaking or flat, dull or shiny, white or blue smoke? 2) Does the mix look segregated or is the aggregate improperly coated with asphalt? 3) The SMA mixture shall be transported and placed on the roadway without drain-down or flushing		Did not observe any differing appearance in subsequent loads.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		The first truck charged the hopper when the load was delivered, removed any mix dumped on the roadway.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		The haul truck charged the hopper when the load was delivered, and mix dumped on the roadway was cleaned.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		The first truck was used to charge the hopper when the load was delivered, no mix was dumped on the roadway.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		First load delivered charged the hopper, no mix dumped on roadway.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		First truck charged the hopper, no mix dumped on the roadway.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		First truck charged the hopper, no mix was dumped on the roadway.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		Trucks were observed charging the hopper when load was delivered. Dumped mix was removed.		2/10/2020 8:12:58 AM -07:00	Audit Comment	KIC paving teams have placed a focus on this process.	Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' Ski was used during paving operation.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used during this operation.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Automatic leveling ski was not being used during operation.		12/10/2019 8:15:22 AM -07:00	Audit Comment	An automatic leveling ski is a best practice on typical mainline paving operations. The paving ski will not be used on 1st lift side roads to ensure proper pavement thickness is followed. The crew runs depth. The ski will be used on successive lifts.	Closed
Central 70	C 0704-241	SX	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Ski type at least 30 ft. long attached to paver.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' Ski was used during paving operation.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used during this operation.	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was being used when paver was operating.	Conformance	3/20/2020 3:02:27 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Automatic short ski device was used.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used for grade control.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Paver had 30' front and rear "skis" attached.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used during paving operation.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used for paving control.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Automatic grade control was used.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30 ft. length skis mounted on paver.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short skis were used for paving grade control.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30 foot sensor ski was used for automatic grade control.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Long ski with automatic grade controls were used.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was being used during paving operation.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		a short ski was used during paving operation.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used during operation.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Ski-type device at least 30 feet in length was used as the paving control device.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation of the paver was used in irregularly shaped and minor areas-(tapers, ramps, manholes, joints).	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation of the paver was monitored when paver got to the ramp gore, no problems observed.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM -06:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation was required due to the high density of water valves and manholes. Please reference the attached pictures in the audit.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM - 07:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Wedges where barrier removal took place, and asphalt was used to fill back in, should be closely monitored for deterioration under traffic.	Asphalt wedges are monitored.	4/7/2020 3:31:37 PM -06:00	Audit Comment	Asphalt has been continually monitored	Closed
Central 70	C 0704-241	HMA	Roadway	11/25/2019 12:00:00 AM - 07:00	Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		A paver was not used. The entire area was placed by hand. Please reference the attach pictures.	Conformance	11/25/2019 1:18:59 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		If the automated control system of the paver fails, the equipment may be operated manually for the remainder of the workday, provided specified results are obtained. If the Contractor fails to obtain and maintain the specified surface tolerances, the paving operations shall be suspended until satisfactory corrections, repairs, or equipment replacements are made.		The automated control system was working properly.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture, no stop and go motion.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operated at a uniform and consistent speed.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver operated at a forward speed consistent with uniform and continuous laying of the mixture	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture.	Conformance	8/3/2020 11:29:51 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated in continuous motion.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mix, the paver was not operated in a stop and go motion.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated at proper speed.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operated in a continuous forward motion.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a Stop and Go motion.		6/16/2020 12:25:18 PM -06:00	Audit Comment	the paving was monitored and the final product is within specification.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operating at a forward constant speed.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a Stop N Go motion.		2/10/2020 8:10:44 AM -07:00	Audit Comment	Acknowledged	Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a Stop and Go motion.		2/3/2020 1:35:08 PM -07:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a Stop and Go motion.		2/10/2020 8:13:03 AM -07:00	Audit Comment	KIC has been focusing on Trucking efficiency and is doing its best to eliminate stop and go operations. Due to traffic and access some areas are a challenge.	Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated at continuous motion.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in stop and go motion.		6/16/2020 11:18:38 AM -06:00	Audit Comment	In small areas the paver has to stop and start to get 1 truck in and 1 truck out.	Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was being operated in a Stop and Go motion. This could be prevented by using MTD.		4/13/2020 2:16:33 PM -06:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a stop and go motion.		6/16/2020 11:16:33 AM -06:00	Audit Comment	One truck in. one truck out paving operations.	Closed
Central 70	C 0704-241	SX	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated at a forward consistent speed.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated at a consistent forward speed and continuous placing of the mixture.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operating at proper speed.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was being operated in a forward consistent speed and placing a beautiful mat.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated at a continuous speed.	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Pavers operated in consistent forward motion.	Conformance	4/27/2021 8:31:49 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated in consistent forward motion.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated in a continuous forward motion	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture.	Conformance	7/9/2021 8:04:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver did not operate at a consistent forward speed, observed several instances of stop- and- go motion, due to haul trucks being delivered with 10- 15 minute intervals between trucks. Paving operations need more delivery trucks to prevent this issue.	The stop and go motion of the paver is being monitored after this audit comment. Not having the appropriate amount of trucks was observed during the EB paving shutdown week from 7/16 to 7/19.	7/21/2021 2:44:40 PM -06:00	Audit Comment	Delivery trucks are constantly monitored and adjusted based on plant production, cycle times and traffic. Adding more trucks a lot of the time isn't the option best suited for the overall quality of the pavement. KIC utilizes the Shuttle buggy to minimize as much stop and go as possible.	Closed
Central 70	C 0704-241	SX	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver operated in a consistent forward motion.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was not operating at a forward speed consistent with uniform and continuous laying of asphalt, the paver operated in a stop and go motion. Not enough haul trucks for the paver to operate in a consistent forward motion.	Adequate	9/15/2021 4:21:38 PM -06:00	Audit Comment	Trucking is monitored daily and adjusted based on truck turn around time. If traffic, lay down or plant issues cause truck stacking gaps in trucks can happen. KIC utilizes the shuttle buggy and/or a large hopper to minimize the affects of truck gaps.	Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, head of material in auger chamber was kept 1/2 to 2/3 full, material was placed at cross-slope or crown shown on typical section.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept at least 1/2 full at all times.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Waterproofing	Structures		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper and auger was kept at appropriate fill levels.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Material was kept at required levels within paver and screed at all times.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, the material was kept at midpoint of augers, the head of material in auger chamber was 1/2 to 2/3 full, material was placed at cross-slope or crown shown on typical section.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, and the head of material in auger chamber 1/2 to 2/3 full, and placed material at cross-slope or crown shown on typical section.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept more than half full at all times.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Mix was moved through paver hopper and augers at appropriate levels.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was more than half full at all times. Material was kept at at least midpoint of augers.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Augers operated at proper speed, and mix was kept at proper height in auger chamber.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, the material was kept at midpoint of augers, head of material in auger chamber 1/2 to 2/3 full, and material was placed at cross-slope shown on typical section.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept more than half full at all times. Auger chamber was acceptably full.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half- full at all times, material was kept at midpoint of augers, material was placed at cross slope.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Due to error by dump man, hopper was overfilled and spilled onto roadway. Paving crew immediately stooped paving, cleaned roadway of excess/ spilled material.	Field Resolved	6/5/2020 2:02:50 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from hopper to augers.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to augers.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material observed.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		Mix looked good and no segregation was noticed.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM -06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		Segregation of mix during the paving operation was not observed.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	9/16/2020 11:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed in mix.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed in mat.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM -07:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No visible segregation was noticed with the movement of material.	Conformance	11/22/2019 10:11:54 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed in asphalt.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM -07:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the augers.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No material segregation was observed during material transfer from hopper to augers.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM -07:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material was observed from the hopper to the paver augers.	Conformance	2/7/2020 6:42:53 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		Segregation was not observed in mat.	Conformance	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the augers.	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material was observed from hopper to augers.	Conformance	3/20/2020 3:02:27 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during material movement from the hopper to the augers.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed from the hopper to the augers.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of finished pavement observed.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the augers.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material was observed during the movement of material from the hopper to the augers.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver auger.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the augers.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the augers.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the hopper to the screed.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Hopper wings were cleared at regular intervals.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The wings of the hopper were dumped only at end of day.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled after each truck.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The wings of the hopper were dumped at the end of the night.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM -06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The wings were cycled continuously throughout the placement to ensure large buildups did not occur.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers extended the full width of the screed and was two inches above the finished surface of the mat.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was kept two inches above the finished surface of the mat.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers were two inches above finished mat and the full width of the paver screed.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers extended the full width of the screed, and auger was two inches above the finished mat.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers extended full width of screed.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was a minimum of 40 rpm, the auger was rotating at least 80% of the time.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was a minimum of 40 rpm, and the auger was rotating at least 80% of the time.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Observed auger rotation rate was 40+ RPM, and rotating at least 80% of the time.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger was rotating at least 40 rpm, and the auger was rotating at least 80% of the time.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was at least 40 rpm, the auger was rotating at least 80% of the time.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was rotating at least 40 rpm.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was operating at least 40 RPM, and at least 80% of the time.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was rotating at least 40 rpm, and at least 80% of the time.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was rotating at least 80% of the time.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning during paving operation.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning during paving operation.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Is the screed vibrator functioning?		Screed vibrator was functioning during paving operation.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		Screed vibrator was function during the entire placement of HMA.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning during the paving operation.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning during the entire paving operation.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning during operation.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The paver should be equipped with a full-width vibratory screed. Was the screed checked for trueness with a string line?		The paver was equipped with a full-width vibratory screed, and has been checked with a stringline.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The paver should be equipped with a full-width vibratory screed. Was the screed checked for trueness with a string line?		Vibratory screed was full width, checked with stringline for trueness.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the paver.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the paver during operation.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind screed.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/19/2019 8:35:25 AM - 07:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Milled surface does not meet minimal lift thickness for placing HMA. (See Pic 2) No longitudinal or transverse joints were done prior to placing HMA. (See Pic 3)		12/10/2019 8:13:47 AM -07:00	NC-2	NCR 1742 was written to track this issue	Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within the required surface tolerance and produced an acceptable finish without segregation.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within the required surface tolerance without segregation.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Segregation, drag marks, roller marks, and cracking are clearly visible throughout material placed.		2/10/2020 8:12:49 AM -07:00	NC-2	NCR 1993 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		HMA was placed within the required surface tolerance and produced an acceptable finish. Placed HMA was uniform in appearance with no visible signs of segregation.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within the required surface tolerance and produced an acceptable finish without segregation.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM -06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material placed produced an acceptable finish. Paver distributed the HMA at the required thickness and established grade.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within required surface tolerance.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed in an acceptable manner. No mat defects were observed.	Conformance	11/3/2020 1:12:14 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed with an acceptable finish.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation. The surface of the mat was uniform with no segregation. The surface of the mat was uniform in appearance and texture, and the paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within required tolerance, and mat was uniform.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat was uniform in appearance and texture	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The surface of the material placed was not uniform in appearance, specifically around manholes and valves. Appeared to not have been properly hand finished.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Surface of mat was uniform in appearance and texture, the paver distributed the material to established grade and required thickness.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The surface of the mat was uniform in appearance and texture (without holes, tears, gouges, drags, or segregation, and the paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed and produced an acceptable finish.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		SMA was placed within the required surface tolerance with an acceptable finish, no segregation was noted.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation. The surface of the mat was uniform in appearance and texture, and the paver distributed the mixture to the established grade and required thickness over the entire width or partial width as practical.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation, the surface of the mat was uniform in appearance and texture, without holes, tears, gouges, drags, or segregation.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material placed was within the required surface tolerance and produced a beautiful finish without segregation.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within required surface tolerance for the majority of areas. Around select manholes, water valves, and other utility access points, the required 1/4"-1/2" tolerance for the structure surface was not achieved, however this is being tracked through ENCR 1229.	Field Resolved	6/14/2021 1:43:10 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation, the surface of the mat was uniform in appearance and texture, without holes, tears, gouges, drags, or segregation.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material placed produced an acceptable finish with no segregation.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation. The surface of the mat was uniform in appearance and texture, with no holes, tears, gouges, drags, or segregation observed, the paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The delivered material was placed within required surface tolerance and produced an acceptable finish with no segregation noted. The surface of the mat was uniform in appearance and texture, with no holes, tears, gouges, drags, or segregation. The paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was mostly placed within required surface tolerance. Several manholes and water valves in pavement section were set below mat outside of allowable tolerance, and at several sections of CD barrier, the haunch was above acceptable heights. NCRs were issued by Quality team after conversations in the field.	Field Resolved	6/28/2021 2:39:54 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver after rolling.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation of material was observed behind the paver or after rolling.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver after rolling.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed on the mat behind paver.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation of delivered material was observed.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was noticed on mat behind paver or after rolling.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed during material transfer from hopper to the auger or behind screed.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed in finished Safety Edge.	Conformance	10/7/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	11/3/2020 1:12:14 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind paver.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver after material was placed.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM -07:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver or after rolling.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver or after rolling.	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks, for core locations and material placement.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	What type of grade control was used? Is it functioning properly?		Skis and laser were used for grade control.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		What type of grade control was used? Is it functioning properly?		Automatic ski grade control was used.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Temperature and yield checks were conducted by IQC.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Material placement location, thickness, yield checks and temperature documented?		IQC and PC were on site during paving operation documenting location, thickness, and temperature.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks, and temperatures were being documented by IQC and PC.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Material placement location, thickness, yield checks and temperature documented?		Thickness and temperature was being documented by PC and IQC.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented by IQC.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature documented by PC/ IQC.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		IQC and PC were on site documenting location, thickness, yield, and temps.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement, thickness, yield, and temperatures were being documented by IQC, and PC.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented by IQC and PC.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented and recorded by IQC and/or PC.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM - 06:00	Material placement location, thickness, yield checks and temperature documented?		When I asked the night shift IQC Inspector if he had the yield check numbers, he told me he didn't. The night shift IQC Inspector did not know material placement locations/ Stas., did not know the thickness of mat, and did not record temperatures of the SMA mat.	ENCR Verified	6/7/2021 8:48:53 AM -06:00	NC-2	ENCR 306 was written to address this issue	Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Material placement location, thickness, yield checks and temperature documented?		IQC was onsite documenting the following information.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		Waterproofing membrane was not damaged during paving operation.	Conformance	11/3/2020 1:12:14 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		A visual observation was done before and during paving operation. No visible damage was done to the membrane/protective covering.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		Waterproofing membrane was not damaged during paving operation.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat temperature was acceptable.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperatures were checked by PC for conformance before rolling.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temps were being checked by IQC, PC, and QCAT.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		IQC and PC checked the temperature of the mat behind the paver screed for conformance, and confirmed the mixture was at proper temperature before rolling.	Conformance	7/14/2021 2:01:02 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed, was at proper temperature prior to rolling.	Conformance	7/9/2021 8:04:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat was checked behind the paver screed for conformance, the mixture was at proper temperature before rolling.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature checks were being performed before rolling operation.	Conformance	4/15/2021 10:18:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature of mat was in conformance.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat temperatures were acceptable.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		PC and IQC checked the temperature of the mat behind the paver screed for conformance, and ensured the mixture was at proper temperature before rolling.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked behind the mat by IQC.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by QCAT, IQC, and PC.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature were taken by QCAT, IQC, and PC	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC and PC and was in spec.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was checked by IQC. Temperature was within Spec before rolling mat.	Conformance	2/7/2020 6:42:53 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC and PC.	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC before rolling operations began.	Conformance	11/22/2019 10:11:54 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Mat temperature was acceptable.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature of mat was acceptable behind paver.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by QCAT, PC, and IQC	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was good on the mat behind the paver.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperatures were checked by QCAT, IQC, and PC	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC behind the paver as well as in the area where HMA was placed with skid steer.	Conformance	3/20/2020 3:02:27 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked by IQC and PC during the operation.	Conformance	3/20/2020 1:58:31 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was within specification. Temperature was checked prior to rolling.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature of the mat was in specification, PC was checking the temperature prior to rolling.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat was checked prior to rolling, was within specification.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked by PC for conformance before rolling.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was checked behind the paver by PC and QCAT prior to rolling.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was being checked behind the paver by QCAT, PC, and IQC	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:32:31 PM - 06:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		A soft spot was identified by QCATs, PC, & IQC after the first lift of asphalt was placed. Movement and cracking was observed by a dump truck backing over the first lift of asphalt. This was brought up and the team elected to continue placement. Sta 6141+20 to Sta 6134+43		6/16/2020 11:17:00 AM -06:00	NC-2	Expedited NCR 0035 was written to track this issue identified by the field team. I don't see the need for an NC-2 when this is self reported and walked with IQC/PC and the Department . self reported same day.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Is there a truck "clean out" site available. Is it being used?		No truck clean out available on site. Excessive material that was accumulated between the tailgate and bed of the truck was being removed by shovel and dumped in front of the paver.		2/10/2020 8:09:56 AM -07:00	NC-2	NCR 1944 was written to resolve this issue	Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck cleanout site was used at plant.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Kiewit using the last truck for cleanout/ excess material.	Conformance	8/21/2020 4:26:10 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out was at asphalt plant.	Conformance	9/2/2020 7:52:49 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out site is at asphalt batch plant.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out site was used.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out site was available and used.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck cleanout was done at the batch plant.	Conformance	10/26/2020 10:41:14 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck (empty) was cleaned out at plant, no on site cleanout.	Conformance	11/2/2020 3:52:16 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out side was utilized.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		The sloped safety edge was measured at 32 degrees, +- 5 degrees.	Conformance	11/2/2020 3:52:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		The sloped safety edge conformed to the details in the plans.	Conformance	10/26/2020 10:41:14 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Does the sloped safety edge conform to the details in the plans?		Temporary safety edge was acceptable.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		Sloped Safety Edge conformed to the details in the plans.	Conformance	9/2/2020 7:52:49 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		Safety edge conforms to the details in the plan.	Conformance	9/16/2020 11:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		Sloped Safety Edge conforms to the details.	Conformance	10/7/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Does the sloped safety edge conform to the details in the plans?		Sloped Safety Edge conforms to the detail in the plans.	Conformance	8/21/2020 4:26:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Does the sloped safety edge conform to the details in the plans?		Safety edge conformed to the details in the plans.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Does the sloped safety edge conform to the details in the plans?		The safety edge conforms to the details in the plans.	Conformance	8/3/2020 11:29:51 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	8/14/2020 4:34:13 PM -06:00	Was the approved proposed paver wedge system used and followed during construction?		Paver used approved wedge system.	Conformance	8/3/2020 11:51:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the approved proposed paver wedge system used and followed during construction?		The approved paver wedge system was used on the RoadWidener spreader.	Conformance	10/7/2020 7:48:38 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the approved proposed paver wedge system used and followed during construction?		Wedge system was used and followed during construction.	Conformance	9/16/2020 11:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the approved proposed paver wedge system used and followed during construction?		Paver wedge system used for sloped edge.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Where cores taken?		Cores were taken for PC and IQC acceptance.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		SMA pavement shall be placed and compacted in accordance with the temperatures listed in subsection 401.07 as revised for this project.		Temperatures at time of SMA placement were within specification.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the Compaction Test Section completed by Contractor? Reference Specification for the requirements of the CTS (Compacted Test Section)		CTS was performed on the first 500 tons in conformance with specifications.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers operated according to CTS.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers operated in accordance with CTS.	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating according to CTS rolling pattern.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance with approved CTS.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance to the CTS.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance to the CTS.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance to approved CTS.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers operated in accordance with CTS.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers operated in accordance with approved rolling pattern.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Were rollers operating in accordance with approved Compacted Test Section?		Test section has not been completed.		2/10/2020 8:12:06 AM -07:00	Audit Comment	KIC is scheduling the 500 ton test section to verify gauges. During the materials task force the team discussed the WMA vs HMA is the same mix properties and should not change the gauge correlation. IQC will verify gauges with random or fixed cores.	Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Were rollers operating in accordance with approved Compacted Test Section?		Rollers were being operated in accordance with the CTS.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating with approved CTS	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance with the approved CTS.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were there any deviations from the procedures established by the compaction test section? (Note conversations with the Contractor)		There were no deviations from the approved CTS.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		When placing hot mix over bridge decks covered by waterproofing membrane, was the minimum temperature of the mixutre when rolling operations began 250 F? The job-mix formula temperature may be increased up to 30 F to obtain this temperature.		Minimum temperature for bridge deck rolling operation was met.	Conformanc e	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	When placing hot mix over bridge decks covered by waterproofing membrane, was the minimum temperature of the mixutre when rolling operations began 250 F? The job-mix formula temperature may be increased up to 30 F to obtain this temperature.		Rolling operation began when temperature was within spec.	Conformanc e	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation of rolling sequence was followed.	Conformanc e	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformanc e	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformanc e	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed, and mat was compacted at acceptable temperatures.	Conformanc e	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/25/2019 12:00:00 AM - 07:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		A plate compactor was used initially to tighten each layer that was placed. A steel wheel roller was then used to properly compact each lift.	Conformanc e	11/25/2019 1:18:59 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM -06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	5/19/2020 2:35:48 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction sequence was followed.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was being followed during compaction operation.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed during operation.	Conformanc e	4/24/2020 8:46:58 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformanc e	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction sequence was followed.	Conformanc e	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction sequence was followed.	Conformanc e	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed.	Conformanc e	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction operation rolling sequence was initial breakdown, intermediate rolling, and then finishing roller, roller marks were removed.	Conformanc e	8/3/2020 11:29:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The half steel and rubber tire roller were used along with a steel wheel roller was used as the finish roller. The mix maintained its heat until the asphalt was complete.	Conformanc e	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction Rolling Sequence was be followed during paving operation. PC was on site to verify.	Conformanc e	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction rolling sequence was follows. All roller marks were removed.	Conformanc e	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		SMA compaction operation sequence was followed, rolling pattern followed as established by Kiewit PC.	Conformanc e	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction Rolling Sequence was being followed.	Conformanc e	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction/ rolling sequence was breakdown, intermediate, then finish rolling.	Conformanc e	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformanc e	11/3/2020 2:31:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformanc e	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed during operation.	Conformanc e	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformanc e	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was used.	Conformanc e	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed.	Conformanc e	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenan ce of Traffic (MOT)		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling operation was followed.	Conformanc e	4/27/2021 8:31:49 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformanc e	11/8/2021 9:53:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Rolling sequence was followed.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed during compaction operation.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller was traveling at appropriate speed.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speeds.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speed.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speeds.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speed.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers were travelling more than 3 mph, sprayer bars and scraper on steel drums were working properly.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speed.	Conformance	8/10/2021 9:27:44 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller operated at proper speed.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers traveled at proper speed.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speed.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Intermediate roller was observed traveling faster than a brisk walking pace. Could possibly be a concern as to why there is surface cracks throughout mat.		6/16/2020 11:19:30 AM -06:00	Audit Comment	Rolling patterns and speeds are controlled by the PC technicians and should not be judged by any other method.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller was operating at proper speed.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at proper speeds.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers were traveling what appeared right at 3mph and were not picking up any material.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Breakdown Roller was operating at too quick of a speed for material being compacted.		2/10/2020 8:12:40 AM -07:00	NC-2	NCR 1993 was written to address this issue	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Rubber tire roller was used.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	11/3/2020 2:31:46 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	10/11/2020 10:29:07 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		No pneumatic tire roller used, SMA was being placed.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		A pneumatic roller was used during the paving operation.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/2/2020 11:05:12 AM - 07:00	Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Sentence 2 of the 401.17 specification states, "Both steel wheel and pneumatic tire rollers will be required." No pneumatic tire roller was used to compact asphalt.	See ENCR 623	12/1/2020 4:42:13 PM -07:00	NC-2	ENCR 623 was written to address this issue.	Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		A pneumatic tire roller was used during operation.	Conformanc e	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/27/2021 12:44:06 PM - 06:00	Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		No rubber tire roller was used or available on site, however mat densities were achieved and there were no visible defects in mat.	Paving team to adjust based on PC Process	4/30/2021 5:39:17 PM -06:00	Audit Comment	Acknowledged. The Pneumatic roller is available and put in place when the PC team and or paving foreman have long runs to accommodate the "kneading" process to achieve density and smoothness.	Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire rollers were used.	Conformanc e	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformanc e	6/28/2021 2:39:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformanc e	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers were using vibratory and static functions, no detriment/ crushing aggregate observed.	Conformanc e	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Some vibration was used during beginning of the roller operation. No damage to the mat was observed.	Conformanc e	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers were properly vibrating on mat.	Conformanc e	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenan ce of Traffic (MOT)		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers operated in vibratory and static mode.	Conformanc e	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		No rollers were operated in vibratory mode over bridge deck.	Conformanc e	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		The vibrator did not operate on the bridge decks.	Conformanc e	8/3/2020 11:29:51 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		Only static rolling was used on bridge deck.	Conformanc e	11/3/2020 1:12:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Waterproofing	Structures		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		Static rolling was performed on bridge.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		Only static rolling was performed on bridge deck.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		There were no visible signs of crushed aggregate.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushed aggregate after rolling was complete.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Crushing aggregate?		No visible signs of crushed aggregate.	Conformance	6/15/2021 7:40:49 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		Rollers did not crush aggregate.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Crushing aggregate?		No visible signs of crushed aggregate.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM -06:00	Crushing aggregate?		No crushed aggregate was observed.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Crushing aggregate?		Did not observe any crushed or broken aggregate.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		There were no visible signs of crushing aggregate.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushing aggregate.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushed aggregate was observed.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushed aggregate.	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Crushing aggregate?		No visible signs of crushed aggregates.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Crushing aggregate?		No visible signs of crushing aggregate were noticed.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Crushing aggregate?		No visible signs of crushing aggregate.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	Crushing aggregate?		See Pic		2/10/2020 8:12:30 AM -07:00	Audit Comment	Due to the slope of the moment slab and the opposite slope of the asphalt pavement crushing rock is inevitable. KIC and IQC have changed to the plan to roll the mix on the moment slab with a smaller roller to minimize crushing.	Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Crushing aggregate?		No visual signs of crushing aggregate were observed	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Crushing aggregate?		Whitcapping of aggregate was not observed.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/19/2019 8:35:25 AM - 07:00	Crushing aggregate?		Visible crushed aggregate due to not meeting minimum lift thickness.		12/10/2019 8:13:43 AM -07:00	NC-2	NCR 1742 was written to track this issue	Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Crushing aggregate?		No visible signs of crushing aggregate,	Conformance	3/20/2020 3:02:27 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:37:09 PM - 06:00	Crushing aggregate?		No visible signs of crushed aggregate after rolling sequence was complete.	Conformance	4/1/2020 7:39:32 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Crushing aggregate?		No visible signs of crushed aggregates after compaction was done.	Conformance	4/24/2020 8:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	2/6/2020 8:19:02 AM - 07:00	Was the inspector documenting the following information? 1. The number of rollers, type and model number of each 2. Passes made by each roller. Condition roller is utilizing during rolling Ex. Static or Vibratory 3. Distance of each roller behind the paver. 4. Check the temperature of the mix at placement time and temperatures during the phases of rolling 5. When the rollers begin rolling, how soon after the HMA is placed. This will vary with seasons 6. Approximate air temperature and wind speed?		PC was on site and documenting passes by each roller.	Conformance	2/4/2020 9:29:49 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the inspector documenting the following information? 1. The number of rollers, type and model number of each 2. Passes made by each roller. Condition roller is utilizing during rolling Ex. Static or Vibratory 3. Distance of each roller behind the paver. 4. Check the temperature of the mix at placement time and temperatures during the phases of rolling 5. When the rollers begin rolling, how soon after the HMA is placed. This will vary with seasons 6. Approximate air temperature and wind speed?		PC was on site documenting temperature, roller passes, and densities.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the inspector documenting the following information? 1. The number of rollers, type and model number of each 2. Passes made by each roller. Condition roller is utilizing during rolling Ex. Static or Vibratory 3. Distance of each roller behind the paver. 4. Check the temperature of the mix at placement time and temperatures during the phases of rolling 5. When the rollers begin rolling, how soon after the HMA is placed. This will vary with seasons 6. Approximate air temperature and wind speed?		PC inspector was documenting rolling sequence operation.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained before mat cooled to minimum specified temperature.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/27/2021 12:44:06 PM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		Densities were achieved. PC tests were performed with a PQI gauge.	Conformance	4/27/2021 8:34:13 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained prior to mat cooling.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained before mat cooled to minimum specified temperature.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Density was being obtained by PC before mat cooled down to minimum temperature.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		Density was being checked by PC with passing results.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained before mat cooled	Conformance	4/13/2020 1:41:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM - 06:00	Was density obtaining before mat cooled to minimum specified temperature?		Densities were obtained before mat cooled below minimum specified temperature.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/25/2019 12:00:00 AM - 07:00	Was density obtaining before mat cooled to minimum specified temperature?		The density was tested to be 93.6% after the rolling was complete.	Conformance	11/25/2019 1:18:59 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		PC tested mat, achieving an uncorrected 92.5% density with a PQI gauge.	Conformance	12/12/2019 1:23:47 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM - 06:00	When density gauges are used, were the tests preformed in accordance with CP81 and CP82?		Densities were taken by PC in accordance with the specification.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		When density gauges are used, were the tests preformed in accordance with CP81 and CP82?		IQC used nuclear density gauges in conformance with testing procedures.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were longitudinal joint densities (percent relative compaction) determined in accordance with CP-44?		Joint densities were determined in accordance with specifications.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Roller marks were removed during rolling operation.	Conformance	4/27/2021 8:22:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Roller marks were removed from mat surface.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Roller marks were removed from mat.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed after rolling operation.	Conformance	11/8/2021 9:53:47 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed when rolling operation was complete.	Conformance	1/26/2021 9:09:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed when rolling operation was completed.	Conformance	6/16/2020 11:45:07 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed using the finish roller.	Conformance	11/6/2020 1:38:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		No roller marks observed after finish roller pass, no vibratory used on bridge deck.	Conformance	5/28/2020 2:24:19 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed during finish rolling operation.	Conformance	5/18/2020 8:37:52 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	4/14/2020 8:04:52 AM -06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	4/13/2020 1:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM -07:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		No roller marks were observed after compaction.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed from HMA placed.	Conformance	4/24/2020 8:46:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Roller marks were removed during finish rolling operation.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		Roller marks were removed using a static steel drum roller.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Compaction efforts were completed within allowable temperature ranges.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Rolling was stopped before specified minimum temperature reached.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/9/2020 4:51:16 PM - 06:00	Was the rolling stopped when pavement temperature below specified minimum? 1) When the mixture contains unmodified asphalt cement (PG 58-28 or PG 64-22) or modified (PG 58-34), and the surface temperature falls below 185 F, further compaction effort shall no be applied unless approved, provided the contractor can demonstrate that there is no damage to the furnished mat. If the mixture contains modified asphalt cement (PG 76-28, PG 70-28 or PG 64-28) and the surface temperature falls below 230 F, further compaction effort shall not be applied unless approved, provided the Contractor can demonstrate that there is no damage to the finished mat.		Rolling did not commence until temperature was at 158 degrees.		11/6/2020 10:32:34 AM -07:00	Audit Comment	during the dispute resolution meeting the PC technician reports were reviewed and compaction rolling did take place prior to 158 degrees. The rolling witnessed was finish rolling.	Closed
Central 70	C 0704-241	HMA	Roadway	1/6/2020 4:01:48 PM - 07:00	Were the rejected areas (segregated or soft spots) corrected prior to placing additional lifts?		Soft spots were identified and corrected.	Conformance	12/30/2019 10:38:20 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/14/2020 4:32:49 PM - 06:00	A 10-foot straight edge is supplied by the contractor. The straightedge method performed by the Contractor will be employed in areas not requiring profiling by the profiler or areas that could not be profiled by the profiler. Observe the operation, document deviations greater than 3/16 of an inch.		After paving third lift, manhole in the SW corner of the Glencoe intersection was not at correct elevation for asphalt mat. This was not corrected, and traffic was switched to the new pavement with manhole below asphalt mat. The Department notified Kiewit via WhatsApp at approximately 9:00AM Monday 13 July, and the manhole was brought to proper elevation using temporary cold patch asphalt at approximately 11:00AM.	See Expedited NCR 278	9/3/2020 9:10:56 AM -06:00	NC-2	ENCR 0278 was written to address this issue	Closed
Central 70	C 0704-241	ITS	Electrical	12/23/2019 9:22:21 AM - 07:00	203/IQC/Embankment (=30% Retained on ¾ Inch Sieve) Pipe or Utility Backfill/CDOT FMM QA Schedule, CDOT Std. Spec Sec. 203.7, CDOT Rev. Spec. Sec 203.07, PA Schedule 10 Sec. 7.6.1 & 7.6.2/In-Place Density/CP 80/Test Report/meets requirements specified under comments/Test each lift at least every 200 LF, at least once for every 25 cu.yd. of backfill or at least once per day, at least one test for less than 200 LF or 25 cu. yd.		The excavation next to the H Pile on Holly under I-70 to repair ITS conduit was backfilled on 12/14/2019 without IQC or PC compaction testing. Wall crew reworked the soil on 12/18/2019. Please attach compaction testing results with response to this audit comment.	Response Acceptable	1/15/2020 12:59:46 PM -07:00	Audit Comment	This area was repaired utilizing flow fill material and can be found in C70 IQC ITS/ELEC Duct Bank form ID: 201912184 52.0	Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:10:26 PM - 06:00	304/IQC/Aggregate Base Course Class 6/CDOT FMM QA Schedule, CDOT Std. Spec. 703.03/LA Abrasion/T 96/Checklist/Meets material requirements/1 per source		Per OA frequency guide found in CDOT's Field Materials Manual, LA Abrasion testing must be performed on each source of Aggregate base Course material on the project. LA Abrasion testing is not listed on monthly quantities sheets or found in the normal flow of documentation due to software restrictions. However IQC was able to provide IAT with evidence in the form of a SmartSheet that shows the tests have been completed 1 per source and with passing results.	Field Resolved	6/17/2021 11:09:34 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:10:26 PM - 06:00	304/IQC/Aggregate Base Course Class 6/CDOT FMM QA Schedule, PA Schedule 10/R-Value/T 190/Checklist/>=78/1 per Class		Per OA frequency guide found in CDOT's Field Materials Manual, R-Value testing must be performed on each source of Aggregate base Course material on the project. R-Value testing is not listed on monthly quantities sheets or found in the normal flow of documentation due to software restrictions. However IQC was able to provide IAT with evidence in the form of a SmartSheet that show the tests have been completed 1 per source and with passing results	Field Resolved	6/17/2021 11:09:35 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		504/IQC/MSE Walls Reinforcing Elements/CDOT FMM QA Schedule, CDOT Rev. Std. Spec. 504/Material Compliance/MRR/Certificate of Compliance /CDOT 504.01/1 per heat number		MRR for MSE Wall Panels performed on 3/13/2020 for Wall 202-W1. Evidence of MRR can be found through Aconex Document No. C70-KIE-QCP-RPT-005111. Additional MRR's are to be performed as phased work continues.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:50:26 PM - 06:00	630/IQC/Construction Zone Traffic Control/MUTCD/Construction Compliance/Visual Inspection/Checklist/Meet contract requirements/Daily during production		<p>IQC has not performed daytime traffic control inspections during each day of production. The last checklist for IQC during the daytime was June 24, 2020 therefore 9 production days have occurred without IQC inspecting the closures during the daytime.</p> <p>As a result the department found that the arrow board for the long term left lane closure on NB Colorado just after I-70 was removed between 7/2 and the morning of 7/7. The long term left lane closure was in place without an arrow board for an unknown amount of time. The department alerted the MOT team to the missing arrow board via the MOT WhatsApp. The department has issued this NC since the arrow board should not have been removed and should have been caught by MTIP checks that are in place to prevent it.</p>	resolved through ENCR 259	4/2/2021 1:29:07 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage	2/1/2020 5:37:55 PM - 07:00	Where cast-in-place structures are used, check forms and reinforcing steel for proper condition and dimension. Check the Contractor's Bar List.		Apron Rebar in the southwest corner of the inlet penetrates from the corner of the riser on 2116A. The same issue is present in the southeast corner of 2116B. This will not allow for proper clear cover or rebar placement in the apron.	See NCR 1980	2/19/2020 6:07:17 AM -07:00	NC-2	NCR 1980 was written to address this issue	Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Where cast-in-place structures are used, check forms and reinforcing steel for proper condition and dimension. Check the Contractor's Bar List.		Reinforcing steel was proper size and forms were good.	Conformance	4/1/2020 7:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Where cast-in-place structures are used, check forms and reinforcing steel for proper condition and dimension. Check the Contractor's Bar List.		Forms and reinforcing steel were checked and verified.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		Inlets were surveyed in and roadway grades established with GPS on equipment.	Conformance	4/1/2020 7:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		Survey/layout appeared to be followed. String line was still present. Super discussed having to realign drainage run due to improper grade, prior to placing inlet base.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Gaskets were located on the HP pipe prior to concrete placement. Projection of pipe was sufficient.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Proper connection was made with inlet box and pipe sections.	Conformance	4/1/2020 7:38:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe runs were per plan and specifications.	Conformance	4/1/2020 7:38:19 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		1) All bricks shall be thoroughly wetted, before being laid, either by immersion or in a manner satisfactory to the Engineer. Special care shall be taken to make the face of the brick work smooth. All joints on the interior surface of the manholes and appurtenances shall be carefully struck. Brick shall not be laid upon a concrete foundation until the concrete has set. 2) Masonry shall conform to the requirements for the respective type. When specified, the outside face of structures shall be plastered with a 1/2 inch thick cement-sand mortar coat. Unless otherwise provided, exposed surfaces of concrete and masonry shall be cured as defined in subsection 601.13. Masonry shall fit neatly and tightly around the pipe		Masonry was seen neatly and tightly around pipe.	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe elevations and locations were properly staked and matched plans.	Conformance	2/8/2021 2:08:53 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Locations were properly surveyed and staked prior to excavation. Elevations were being checked with each pipe placed.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Underground utility conflicts located and/or potholed and resolved?		Zayo Fiber was potholed and located prior to excavation and pipe placement.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		The following specification was followed. Please see the attached inspection reports completed for this work on 10/8/2020 and 10/9/2020. 54" RCP running line outlet pipe # P-IN-70W2024b.	Conformance	10/20/2020 10:25:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Conformance	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Excavated trench for pipe and box placement met the 1'-6" min. requirement.	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The excavation and flow fill placed matched the detail in this specification and NDC-443. Please reference the attached pictures for this work.	Conformance	10/20/2020 10:25:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width was greater than the minimum requirement of 1'-6".	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width was appropriate for pipe and inlet.	Conformance	4/1/2020 7:38:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width was sufficient.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench around inlet was the appropriate width.	Conformance	4/1/2020 7:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width meets the required limits from the outside face of the RCP, and trench depth is in compliance with M&S standards and Plans.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bedding was properly graded and compacted, and inspected prior to pipe placement continuing.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Trench bed has been properly graded and compacted		Witnessed the backfill of the inlets. Lifts were properly placed and backfilled.	Conformance	4/1/2020 7:38:00 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Trench bed has been properly graded and compacted		Bedding was #57 stone. Bottom of trench appeared to be compacted.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted prior to pipe placement	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		No pipe or structure was damaged or displaced during placement.	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Was an alternate material approved for Class 1 or 2 structure backfill?		The details for backfill were modified in NDC-443. Due to the presence of ground water, the pipe will be completely encased in flow fill. The pipe was resting on 6" block above the soil mixed area.	Conformance	10/20/2020 10:25:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Was an alternate material approved for Class 1 or 2 structure backfill?		No alternate material was used during backfill operation.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" lifts and compacted.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		The back fill followed the details in NDC-443.	Conformance	10/20/2020 10:25:48 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" lifts.	Conformance	2/8/2021 2:08:53 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was simultaneously placed on both sides of pipe in 6" lifts.	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was placed in accordance with this requirement.	Conformance	4/1/2020 7:37:36 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was properly performed with jumping jacks around the box.	Conformance	4/1/2020 7:38:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of pipe, not exceeding the maximum layers.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill was placed and compacted uniformly around the structures.	Conformance	6/5/2020 2:01:08 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Required compaction obtained prior to placing successive layers		Ground Engineering (IQC) was onsite taking necessary density tests.	Conformance	6/5/2020 2:01:08 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction of backfill to required density and moisture was obtained prior to successive lifts being placed.	Conformance	12/28/2019 12:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Required compaction was witnessed prior to placing the following lift.	Conformance	5/10/2021 2:53:33 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was obtained prior to placing successive lifts.	Conformance	2/8/2021 2:08:53 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Required compaction was obtained prior to placing successive lifts.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check in-place pipe for damage prior to backfilling and again before accepting the work. Ensure that any damage to coating or lining is properly repaired.		No damage to pipes were noticed prior to backfilling.	Conformance	7/9/2021 8:03:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Verify that any needed mortar repairs and grouting around pipe are properly performed.		The annular void from coring through the pump station wall for the 54" pipe was completed in accordance with cross-section "A" on Plan Sheet DLS2-01 of NDC-349. Hydrophilic water stop was used around the circumference of the opening and the annular void was filled with non-shrink grout.	Conformance	10/20/2020 10:25:48 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/20/2020 8:14:21 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Temporary markings met requirements of TCR.	Conformance	10/19/2020 2:21:04 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/8/2021 11:24:15 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Right edge line of the off ramp was not striped in the gap between barriers. Temporary striping was not applied, permanent configuration was striped, which does not follow the TCR 122 configuration.	5 whys was held.	7/15/2021 12:07:46 PM -06:00	NC-2	Striping was not placed due to permanent SMA and we could not scar the asphalt. 5 why's was held	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Temporary pavement markings were per plan.	Conformance	2/5/2021 10:35:34 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Temporary pavement markings were installed per plan.	Conformance	3/16/2022 3:38:18 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings per plan	Conformance	6/7/2021 7:43:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		conformance	Conformance	6/7/2021 7:44:38 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/13/2019 10:24:19 AM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		No striping was installed onto new detour paving prior to opening to traffic. Drums were used to delineate edges. Stop bar for NB Dahlia traffic at N Stapleton was not moved south, traffic currently stops in middle of intersection.	See NCR 1787	1/16/2020 10:15:17 AM -07:00	NC-2	NCR 1787 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/2/2019 7:11:39 AM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement was not swept prior to striping. As a result, lane stripes have already begun to wear away. N Stapleton stop bar has also been worn away.	See NCR 1765	12/20/2019 8:13:19 AM -07:00	NC-2	NCR-1765 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings were installed per plans.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 9:52:47 AM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		1. Pavement markings were removed during the Columbine waterline work. The area was reopened before all the pavement markings were placed. 2. The pavement markings that were placed on the North/South intersections of Columbine along with Bridge were placed before proper cleaning was done. Majority of the striping that was done has disappeared.	Adequate	4/20/2020 11:45:32 AM -06:00	Audit Comment	Striping was refreshed prior to opening and hand sweeping was done prior to striping. Striping later faded due to a winter storm.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings appear to meet the requirements of the MOT Plans, and contract specifications.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM - 07:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Temporary pavement markings appear to meet the plan requirements. Striping will need to be monitored and refreshed as needed per the contract.	Conformance	2/24/2020 3:42:29 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Temporary pavement markings met plans.	Conformance	5/14/2020 4:33:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/27/2020 4:15:55 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		<p>Striping does not match what is shown on plan sheet WMT-1197C. The plans show to left curves one at 46th and one at the York tie in. The York tie in that was constructed in the field was a reverse curve and does not match the width shown on the plans. The plans show the lane width should be approx 40' wide at the back of curb what was constructed in the field was approx. 13' at the back of curb (See markup on plan sheet). Also a 6" drop off is present inches from the left edge line.</p> <p>In looking at the plans it appears FDC-000299 modified the plans from being a slight shift to the sho-fly that is installed. The FDC-000299 only modified the striping and temp pavement sheets but possibly failed to address the temp drainage that was installed at this location. The attached photo shows the old curb that is flared into the temp R15 inlet.</p>	Added to TCR-0099	10/9/2020 7:50:08 AM -06:00	NC-2	Striping was changed in the field due to the inlets not shown in the drawings. A TCR-0099 was developed to accommodate the change.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/15/2020 1:49:37 PM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		The traffic switch for SB Steele was implemented and is approx. 200' which is not adequate for a roadway speed of 45mph. The south half of the curve that was implemented is partially hatched out as "Not For Construction" on WMT-2118A and should not have been constructed. (If the plans had been released for construction the curve that was implemented is still 75' shorter than the plans.) But based on the shift distance in the field the curve should be almost 3 times that length based off of a rough calculation utilizing MUTCD part 6.	TCR 105 created	10/9/2020 7:51:18 AM -06:00	NC-2	Due to issues in the field, a decision was made to field fit the plans due to a raised median not fully removed. Field fit designs of this caliber have already been discussed and the importance of the EOR to sign off. Another 5 why's is scheduled for this afternoon on 9/15/20. New signage for 35 MPH will be placed on TCR 105	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		A right turn arrow was still painted on the ground from the previous phase. But a straight and right arrow was not installed per drawings even though the intersection was signed to be two thru lanes.	Field Resolved	9/16/2020 8:48:13 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check temporary markings for correct placement in a timely manner		The mini skips were not stripped per plan sheet WMT-1178Q. This issue was noticed on 7/2/20 shortly after the phase was implemented and was set over for discussion in the MOT Task Force on 7/6/20. In the MOT TF on 7/28/20 the department was updated that the mini skips have been installed.	Field Resolved	8/10/2020 8:38:05 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	Check temporary markings for correct placement in a timely manner		Due to equipment malfunction, permanent striping was not applied to new pavement. This was communicated to the department, and as long as it is removed within allowable timeframes and documented correctly in STO Checklist, this comment can be closed.	Striping removed	9/3/2020 7:47:06 AM -06:00	Audit Comment	Striping was removed the following night. STO was not updated at that time. This will also be addressed in our STO training.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check temporary markings for correct placement in a timely manner		Markings installed prior to opening in a timely manner.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM - 07:00	Ensure that conflicting markings have been completely removed.		Conflicting pavement markings appear to have been removed completely removed per the plan.	Conformance	2/24/2020 3:42:29 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that conflicting markings have been completely removed.		Conflicting markings were removed prior to opening to traffic.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM - 07:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were completely removed.	Conformance	2/5/2021 10:35:34 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that conflicting markings have been completely removed.		Conflicting striping remained in lane 3 just past the Colorado Bridge. This was resolved through the CAT 1 process.	Field Resolved	12/1/2020 12:36:03 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/8/2021 11:24:15 AM - 06:00	Ensure that conflicting markings have been completely removed.		Permanent gore striping conflicting with TCR was not removed prior to opening to traffic.	Work was completed	7/15/2021 12:07:56 PM -06:00	NC-2	Hand pore on CE barrier was not completed. All was completed the following night.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/20/2020 8:14:21 AM - 06:00	Ensure that conflicting markings have been completely removed.		Conflicting markings were removed.	Conformance	10/19/2020 2:21:04 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were used to warn the traveling public of hazards, advising them of the proper path through the work zone, delineating areas where they may not operate, and separating them from construction workers.	Conformance	11/16/2020 7:38:19 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/13/2021 8:29:11 AM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were not set to delineate areas where the travelling public may not operate, or advise them of the proper path through the work zone- observed no mid lane cones were set every 750' per MHT #165. EB I70 left lane double closure had no cones set (at 1:00 AM), WB I70 double left lane closure had 6 cones set (in approximately 10000 ft. of closure, not in compliance). Contacted J. Clarvoe (KPM) at 1:26 AM, was informed TC was going to do a "maintenance check" on EB and WB I 70. At 4:00 AM, I drove the work zones/ closures again, mid lane cones still not set or in compliance per MHT #165.	ENCR-0705	6/26/2021 12:50:30 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/11/2021 10:27:31 AM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Noted/ observed no mid lane devices were set for WB I70 double left lane closure, MHT# 168, 165, 114. Was informed by KMP personnel "they were out of cones".	NCR written	6/26/2021 12:42:24 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were used to warn the traveling public of hazards, advising them of the proper path through the work zone, delineated areas where they may not operate, and separated them from construction workers.	Conformance	7/19/2021 7:16:42 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were used to warn the traveling public of hazards, advising them of the proper path through the work zone, delineated areas where they may not operate, and separated them from construction workers.	Conformance	3/29/2021 2:22:22 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:30 AM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		No delineation was present to protect traffic from edge of curb removal on left lane.	See NCR 1908	1/30/2020 5:50:07 AM -07:00	NC-2	NCR 1908 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/2/2019 7:11:39 AM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Drums used to delineate lane on S Stapleton were not adequate to prevent traffic from making right turn out of lane onto SB Holly. This issue was discussed and addressed in the MOT WhatsApp 22 November, however type 3 barrier used to delineate lane had been moved as of 25 November.		12/6/2019 1:10:41 PM -07:00	Audit Comment	The choice of the public to commit a traffic violation of driving in the shoulders when the striping is visible is not a problem kiewit should be responsible for fixing	Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		UTC was not present and in proper location throughout concrete placement operations as necessary for concrete trucks entering and leaving the workzone around the traveling public.	UTC utilization discussed with MOT Team.	4/3/2020 3:38:25 PM -06:00	Audit Comment	UTC utilization has been addressed with the MOT team and scheduled in the POD meetings to address coordination and when/where they are required.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/13/2019 10:23:55 AM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Channelizing devices were removed prior to the guardrail end transition being completed per the plans. Thus the ineffective end treatment was not delineated.	Verified NCR 1779 was written for this issue.	4/13/2020 2:12:19 PM -06:00	NC-2	NCR 1779 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/19/2019 2:56:17 PM - 07:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		The department came across a dump truck driving against traffic. This dump truck was being utilized to haul off material from the drainage operation. No traffic control was in place to separate motorists from the work operation.	1863 was created	2/13/2020 1:48:48 PM -07:00	NC-2	NCR 1863 Created	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices are used per plan and to advise the traveling public of path to follow through work zone, and delineate where not to travel.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Devices utilized for the Monaco Closure were acceptable.	Conformance	3/19/2020 10:40:22 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/22/2020 2:18:09 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		A construction worker that was part of crew placing top soil walked into Peoria and EB ramps intersection to hold EB off ramp traffic given a green signal while a dump truck drove the wrong way on the EB on-ramp to head NB on Peoria. The worker did not have the appropriate equipment or signage to be flagging traffic and should not have been in the intersection. A work truck was also observed driving head on through the intersection up the EB off Ramp. Both the dump truck and the worker driving the pickup should have been obeying the One Way traffic signage for the ramps.	NCR written	6/3/2021 2:58:09 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were used to warn the travelling public and advise them of the proper path through the work zone, delineated areas where they may not operate, and separated them from construction workers. I observed numerous TCD's that had been hit by vehicles in work zone- contacted John Clarvoe (Kiewit MOT Supervisor), issues were addressed/ resolved within 1 hour.	Acknowledged	6/25/2020 7:38:47 PM -06:00	Field Resolved	Acknowledged.	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were in place.	Conformance	5/20/2020 3:01:25 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		MOT variance 104 traffic control was utilized during the girder erection. The variance was followed each night the operation took place.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	5/11/2020 7:44:10 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Drainage crews failed to implement traffic control devices separating worker, materials, and equipment from traffic. The crew was working to install pipe a pipe run and was operating less than a few feet from the travel lane of Stapleton N just before Eagle Claw. Attached are photos of the issue. The MOT Team did a good job at addressing the issue but the drainage crew should have had MOT in place prior to progressing to the point shown in the photos.	142 created	5/21/2020 8:12:43 AM -06:00	NC-2	NCR 142 Created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		(B: I-70 WB to I-270 WB)Traffic control devices were used to warn the traveling public of hazards, advising them of the proper path through the work zone, delineated areas where they may not operate, and separated them from construction workers.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		(A: I-225 NB to -70 WB)-Traffic control devices were used to warn the traveling public of hazards, advising them of the proper path through the work zone, delineated areas where they may not operate, and separated them from construction workers.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:49:06 PM - 06:00	Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Drainage flash filled a sanitary abandonment from a live lane of traffic on the EB I-70 off ramp to Stapleton S without any traffic control in place. Since this work to place from 8:45am to 9am it caused significant backups. These backups resulted in the EB On ramp from Colorado being stopped up and motorist not being able to safely enter the lanes of I-70 which were moving at highway speeds. Attached are two photos of the incident.	NCR written	6/26/2021 12:28:05 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Temporary traffic control devices are subjected to wear during use, storage, shipment, installation, relocation, and removal. A large number of worn devices on a project are unacceptable. Require removal and replacement of unacceptable devices in accordance with subsections 630.02 and 105.01 of the Standard Specifications.		TCD's were not worn, damaged, and were readable, did not observe any devices needing replacement.	Conformance	6/17/2020 5:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Temporary traffic control devices are subjected to wear during use, storage, shipment, installation, relocation, and removal. A large number of worn devices on a project are unacceptable. Require removal and replacement of unacceptable devices in accordance with subsections 630.02 and 105.01 of the Standard Specifications.		Noted that temporary traffic control devices were in useable condition.	Conformance	3/29/2021 2:22:22 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Temporary traffic control devices are subjected to wear during use, storage, shipment, installation, relocation, and removal. A large number of worn devices on a project are unacceptable. Require removal and replacement of unacceptable devices in accordance with subsections 630.02 and 105.01 of the Standard Specifications.		Temporary traffic control devices were in acceptable shape, did not observe any devices needing replacement.	Conformance	7/19/2021 7:16:42 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Temporary traffic control devices are subjected to wear during use, storage, shipment, installation, relocation, and removal. A large number of worn devices on a project are unacceptable. Require removal and replacement of unacceptable devices in accordance with subsections 630.02 and 105.01 of the Standard Specifications.		TC devices were in good shape, legible, clean, and in serviceable condition.	Conformance	11/16/2020 7:38:19 AM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Flashing arrow panels were in the correct location and functioning properly, light in correct mode, panel size correct, correct height.	Conformance	11/16/2020 7:38:19 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Noted that flashing arrow panels were in the correct location and functioning properly. that the working lights in the correct mode, automatic dimming at night, and correct panel size was mounted at the correct height.	Conformance	7/19/2021 7:16:42 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Observed that flashing arrow panels were in the correct location and were functioning properly.	Conformance	3/29/2021 2:22:22 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Flashing arrow boards were in correct location and were functioning properly.	Conformance	6/17/2020 5:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	5/27/2020 8:12:11 AM -06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		SB left lane on York St. south of E. 46th Ave. was closed without an arrow board in place	ENCR0159	6/3/2021 12:49:26 PM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Flashing arrow panel was in the correct location and functioning properly.	Conformance	5/20/2020 3:01:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Right shoulder closure (WB Central Park On Ramp to Quebec Off Ramp): While setting the signs on the WB Central Park on Ramp and the WB Central Park Auxiliary lane the crew was occupying the right lane but did not have the arrow board directing traffic around them. The MOT supervisor was contacted and pulled crew in to discuss the issue with them.	Field Resolved	5/20/2020 9:41:17 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		Arrow board on both TMA's was acceptable.	Conformance	3/19/2020 10:40:22 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices for the full closure of Monaco were adequate.	Conformance	3/19/2020 10:40:22 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Delineation to separate the work vehicles from the traveling public was not installed between the TMA and to the last work vehicle. On future closures it would be good to install delineation past the work vehicle for worker safety. Past closures this has been done so this appeared to be a one off instance.		4/20/2020 4:56:30 PM -06:00	Audit Comment	It was an extended mobile closure so no devices were placed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conform to the requirements of the plans and specifications.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	12/19/2019 9:27:06 AM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		<p>(1) Sturgeon was observed installing light pole foundations at the location shown in the attached drawing. Vehicles and equipment were within the clear zone of mainline traffic working in the travel lane of the WB Central Park On Ramp. The operation put vehicles and workers approximately 5-10' from mainline I-70 traffic without any delineation or a TMA in place per MHT #104. The on ramp was closed but the right shoulder leading up to the operation was not closed.</p> <p>(2) After reporting the issue to MOT a crew came out to close the shoulder but did so without a shadow vehicle to protect the workers.</p>	1852 created	2/13/2020 1:47:49 PM -07:00	NC-1	NCR 1852 created	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	12/13/2019 10:23:55 AM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		The guardrail crew was observed working on the shoulder without an MHT or positive protection in place.	Verified NCR 1779 was written for this issue.	4/13/2020 2:12:15 PM -06:00	NC-2	NCR 1779 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Lane closures were all properly set	Conformance	11/19/2019 7:51:07 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Right shoulder closure (WB Central Park On Ramp to Quebec Off Ramp): Crew setting the right shoulder closure were using a TMA, UTC, & Work Vehicle. While a shadow vehicle did not protect the crew from the shoulder while occupying the travel lane another crew with the above vehicles was protecting the crew.	Conformance	5/20/2020 9:41:17 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		right lane closure (WB I-70: Monaco to Dahlia): While setting the signs advance warning signs the crew was occupying the right (Aux.) lane but did not have a shadow vehicle on the shoulder protecting the men on the ground setting the signs. The MOT supervisor was contacted on the issue and was going to pull the crew in for a meeting to ensure the issue does not occur again.	Field Resolved	5/20/2020 9:41:17 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices in use conformed to MUTCD. Ex: cones and vertical panels were 36" in height	Conformance	5/20/2020 3:01:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	5/27/2020 8:12:11 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		SB left lane on York St. south of E. 46th Ave. was closed without an approved MHT or on the Lane Closure Report.	ENCR0160	6/3/2021 12:49:29 PM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	7/9/2020 4:46:51 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Landscaping work next to open lane without an approved MHT.	NCR written	6/26/2021 12:25:11 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Barrels were placed to delineate edge of pavement.	Conformance	7/13/2020 2:39:02 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:50:01 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Construction accesses listed below did not have drums installed at 25ft spacing per EMT-1010A. (WB after Holly, WB after Dahlia, & EB before Holly) Please include in NC below and respond to comment with the NCR number. Drums closed during 7/16 inspection.	Field Resolved	7/21/2020 2:28:26 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Noted that channelizing devices conformed to requirements of specifications, MUTCD, TCP, MHT, etc.?	Conformance	3/29/2021 2:22:22 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to therequirements of specifications, MUTCD, TCP, MHT.	Conformance	4/27/2021 8:26:34 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to requirements of specifications, MUTCD, TCP, MHT	Conformance	3/5/2021 6:52:04 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Observed that channelizing devices conformed to requirements of specifications, MUTCD, TCP, MHT.	Conformance	7/19/2021 7:16:42 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to requirements of specifications, MUTCD, TCP, MHT's 165, 168, 114.	Conformance	5/11/2021 11:36:00 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to requirements of specifications, MUTCD, TCP, and the MHT.	Conformance	11/16/2020 7:38:19 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		A double left lane closure was set on Stapleton N approaching Holly. The lane closure was set as two back to back tapers with two arrow boards. The closure should have been set as a taper with a tagent run then another taper. This failed to match the approved MHT and upon notification by the department the closure was pulled.	Field Resolved	12/10/2020 2:26:58 PM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	10/7/2020 10:05:12 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		On 9-26-2020, I checked the double lane closure for WB I 70, from 225 Ramp to Central Park exit. There were no mid lane cones set every 750' per the MOT for double lane closures. Contacted John Clarvoe (KMP), mid lane cones were set per MOT within 2 hours.	Field Resolved	10/7/2020 7:42:34 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/11/2021 10:27:31 AM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to the requirements of specifications, MUTCD, TCP, MHT.	Conformance	1/11/2021 8:15:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/13/2021 8:29:11 AM - 07:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices did not conform to requirement, no cones/ insufficient number of mid lane cones set per MHT. See #3 below for evidence details.	ENCR-0705	6/26/2021 12:50:36 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/13/2021 8:29:11 AM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Noted during work zone traffic control drive thru inspection, numerous TCD's were not in a clean, serviceable condition.	item was addressed	6/26/2021 12:51:01 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	1/11/2021 10:27:31 AM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		TC Devices were of correct dimensions in a clean, serviceable condition, proper retroreflective sheeting, correct placement with proper taper lengths and spacing, weighting by proper methods.	Conformance	1/11/2021 8:15:33 AM -07:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)	10/7/2020 10:05:12 AM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		On this same night, I noted damaged and dirty temporary signs throughout the project- all signs need to be in a "clean, serviceable condition".	Item addressed	6/26/2021 12:29:19 PM -06:00	Audit Comment		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Observed that channelizing devices conformed to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Noted that channelizing devices were of correct dimensions in a clean, serviceable condition, with proper retroreflectorized sheeting or collars, were set at correct placement with proper taper lengths and spacing, and proper and functioning warning lights that are set in the correct mode, and weighted by acceptable method.	Conformance	5/11/2021 11:36:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Noted that channelizing devices conformed to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Also noted that correct dimensions in a clean, serviceable condition, proper retroreflectorized sheeting or collars, correctly placed with proper taper lengths and spacing, proper and functioning warning lights that are set in the correct mode, and weighted by acceptable methods.	Conformance	7/19/2021 7:16:42 AM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Noted the following: Signs were of the correct dimensions in a clean, serviceable condition, proper retroreflectorized sheeting or collars, correct placement with proper taper lengths and spacing, proper and functioning warning lights that are set in the correct mode, and TCD's were weighted by acceptable methods.	Conformance	3/5/2021 6:52:04 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Checked that channelizing devices conformed to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Noted the following: signs were of the correct dimensions in a clean, serviceable condition, proper retroreflectorized sheeting or collars was observed, were in the correct placement with proper taper lengths and spacing, proper and functioning warning lights that are set in the correct mode, and were weighted by acceptable methods.	Conformance	4/27/2021 8:26:34 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices conformed to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan.	Conformance	3/29/2021 2:22:22 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices do conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Devices were in a clean and serviceable condition, spacing was correct with proper taper lengths.	Conformance	6/17/2020 5:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		All signs and devices were in place per MHT KIC#168	Conformance	5/20/2020 3:01:25 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:30 AM - 07:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		1)The MHT was not followed and the arrow board was moved south of the EB off ramp instead of being between the EB and WB off ramps as shown on the MHT. 2) Moving the arrow board south from the location on the MHT cause the left lane of the EB ramp to be directed into the closure.	See NCR 1908	1/30/2020 5:49:54 AM -07:00	NC-2	NCR 1908 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices for the full closure of Monaco were adequate.	Conformance	3/19/2020 10:40:22 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)	3/19/2020 2:55:54 PM - 06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Originally the department found a crew had opened a hole on the right shoulder of the EB Colorado On Ramp to install a 60" drainage run. The hole was located within the clear zone of the ramp and the curb at this location had been removed/damaged beyond being considered effective. The crew had constructed a short berm of dirt in an attempt to make the work area safe. This berm is not considered a crash test form of barrier and actually made the work area even more dangerous. (The department is electing to issue this as an NC-2 instead of an NC-1 since the superintendent had a plan to address it immediately.)	EX NCR 044	4/20/2020 4:57:04 PM -06:00	NC-2	Expedited NCR 044 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary concrete barrier placed correctly with proper end treatment to delineate a traveling public around temporary signal pole.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barrier was placed in conformance with requirements.	Conformance	4/13/2020 1:25:51 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier was properly placed with proper end treatment.	Conformance	5/11/2020 11:00:49 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temp Concrete Barriers were placed correctly with the proper treatment at end sections.	Conformance	5/11/2020 11:01:32 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barriers were placed according to plans and specifications.	Conformance	5/14/2020 4:33:49 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barriers were placed according to plans.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/22/2020 11:45:30 AM - 07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barriers placed were not connected to each other. No end treatment was installed. Barrier was placed perpendicular to traffic within the clear zone.	See NCR 1931	3/20/2020 10:43:10 AM -06:00	NC-2	NCR 1931 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/22/2020 11:47:08 AM - 07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier detailed to be placed was not placed completely. See marked up TCR in Requirement 1 for locations of missing barrier.	Barrier Placed.	2/3/2020 10:41:46 AM -07:00	Audit Comment	Barrier was placed as needed to protect workzone and traffic	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		After second part of phase 1 demolition of Monaco bridge, it was found that the barrier was not properly pinned. Emergency lane closure was set, barrier was pinned, and Expedited NCR 0041 was written.	Field Resolved	5/11/2020 11:00:13 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		The temporary concrete barriers are correctly placed with proper treatment at end sections. The connecting pins are placed correctly and the color/retroreflectorization is also correct.	Conformance	1/31/2020 9:48:54 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary concrete barriers were correctly placed with proper treatment at end sections. Connecting pins were acceptable and color/retroreflectorization were acceptable.	Conformance	6/17/2020 5:02:19 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barriers were correctly placed.	Conformance	7/14/2020 12:17:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		conformance	Conformance	6/2/2021 1:29:10 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary barriers were placed correctly with proper end treatment.	Conformance	9/16/2020 11:18:19 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary barrier was placed with proper end treatment.	Conformance	3/16/2022 3:38:18 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Two end treatments were noticed and brought up to KIC management who addressed the issues immediately	Conformance	6/7/2021 7:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Conformance	Conformance	1/18/2021 8:51:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete Barrier was installed to protect the an incomplete 3H coming off the EB Quebec off ramp bridge over DRIR. This barrier installed protected the blunt end but failed to address the unrecoverable slope at the bridge end. As a result a motorist could strike the attenuator and run off the unsafe slope behind the guardrail.	Field Resolved	12/10/2020 2:06:55 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM - 07:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Reflector strips placed on temp barrier is in need of cleaning.	Cleaning is ongoing	2/17/2021 12:55:10 PM -07:00	Audit Comment	This is an ongoing issue in the winter. MOT will continue to wash as weather allows. February 3rd and 4th EB 70 was washed by night crew. Day crew washed as much as they could on arterials. I will have the crews focus on reflectors and crash attenuators the next available wash day.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Reflector strips on left hand barrier parallel to the EB Holly Off Ramp were not installed. This was resolved through the MOT WhatsApp.	Field Resolved	12/1/2020 12:36:03 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Temporary barrier was placed according to plan.	Conformance	4/27/2021 8:39:16 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were properly installed.	Conformance	4/27/2021 8:39:16 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Conformance	Conformance	1/18/2021 8:51:55 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Attenuators were installed properly.	Conformance	4/27/2021 8:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		conformance	Conformance	6/2/2021 1:29:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/27/2020 4:15:55 PM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Attenuator on the left up against the viaduct column was not installed. See attached plan sheet and photo.	Field Resolved	8/27/2020 2:08:30 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		The impact attenuator is properly located and installed.	Conformance	1/31/2020 9:48:54 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed correctly at ends of barrier.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/8/2020 7:52:04 PM - 07:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were not installed for the left side of barrier run. Impact attenuators on the right side were installed with a sharp bend between the second and third cell, which is not effective as per manufacturer specifications.	See NCR 1909	1/30/2020 5:42:47 AM -07:00	NC-2	NCR 1909 Created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed correctly.	Conformance	5/14/2020 4:33:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Attenuators were placed and filled properly.	Conformance	5/11/2020 11:00:49 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were placed correctly.	Conformance	4/13/2020 1:25:51 PM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs conform to the plans regarding size, shape, color, reflective sheeting, and appropriate location.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM - 07:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Reverse curve signage installed per plan, and conformed to size, shape, and retroreflectivity.	Conformance	2/24/2020 3:42:29 PM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/6/2020 3:46:08 PM - 07:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		As of March 6th, 2020, WB "Exit 274 Downtown Denver" Signage has not been move to proper location, and EB "Exit 275C York Josephine" signage has not been properly installed on temporary sign structure.		4/30/2020 9:10:23 AM -06:00	Audit Comment	Will be moved, VMS boards up temporarily	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:50:50 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		No advance warning signs were installed for the closure of the left turn lane of SB Central Park onto EB I-70 On Ramp.	See NCR 0038	4/8/2020 12:00:03 PM -06:00	NC-2	NCR-0038 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Stop sign at Leyden was missing. After alerting MOT through WhatsApp, sign was placed, and production wrote Expedited NCR 128 was written.	Field Resolved	5/14/2020 4:33:49 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Conformance	Conformance	11/19/2019 7:51:07 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/15/2020 1:49:37 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signage was not installed for the reverse curve since the sheet showing the north half of the curve only appears to be for part of the curve layout. Per MUTCD and CDOT M&S signage should have been installed.	5 Whys scheduled and held	10/9/2020 7:51:35 AM -06:00	NC-2	There was no signage that called out for reverse Curve signs. However, a TCR is currently being put together showing a reverse curve along with 35 mph signs which were already approved to be placed out by the EOR. Signs were placed out on 9/14/20. Pictures were sent to Zac Gill and 5 why's is scheduled for this afternoon on 9/15/20.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Multiple ground mounted signs were missing. See MOT sheets attached. Overhead signage at Holly does not match MOT Sheet for this phase.	ENCR-0268	6/26/2021 12:53:35 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs were placed in accordance with plans.	Conformance	9/30/2021 7:22:37 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	10/20/2020 8:14:21 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Exit 276B Advance Guide Sign on CMT-1839.1 was not installed. Exit 277B sign for the Monaco Slip Ramp shown in CMT-1834 was not installed, as a result there are now 2 Exit 277 signs, one at the Monaco Slip Ramp, one at the Holly Off Ramp. WMT-1808 shows that the Colorado Exit sign is to be a new permanent sign with the arrow covered, the existing sign was installed on the overhead structure, and the arrow was not covered.	ENCR-0511	6/26/2021 12:55:00 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Multiple overhead signs were missing. See attached MOT sheets.	encr-0639	6/26/2021 12:56:10 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM - 07:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Multiple overhead signs were missing on EB and WB. See attached sheets. These signs were replaced after audit date, this item is field resolved.	Field Resolved	2/5/2021 10:35:34 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/8/2021 11:24:15 AM - 06:00	Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particular attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Overhead signs on mainline and on S Stapleton were not installed prior to switch. See attached documents for missing signs.	5 whys was held	7/15/2021 12:08:05 PM -06:00	NC-2	TCR was created to remove the sign. KIC did not realize it was shown on the drawings. Same 5 whys conducted.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs installed were in satisfactory condition.	Conformance	9/30/2021 7:22:37 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly and in satisfactory condition	Conformance	4/27/2021 8:26:34 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly and in satisfactory condition.	Conformance	5/11/2021 11:36:00 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly.	Conformance	3/16/2022 3:38:18 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed properly	Conformance	5/20/2020 3:01:25 PM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Signs installed properly and in satisfactory condition		(B: I-70 WB to I-270 WB)- Signage and/or TCD's were properly installed and in satisfactory condition.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Signs installed properly and in satisfactory condition		(A: I-225 NB to -70 WB)- Signage/ TCD's were installed properly and in satisfactory condition.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Conformance	Conformance	8/25/2020 9:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Multiple Speed Limit, Exit, guide, and other signs were missing. See attached sheets for missing signs.	See Expedited NCRs 333 and 335	9/3/2020 7:45:01 AM -06:00	NC-2	See ENCR 333 and 335	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	7/9/2020 4:49:02 PM - 06:00	Signs installed properly and in satisfactory condition		No overhead signage was installed for SB Dahlia signals. After this was brought up in the MOT WhatsApp, temporary one way sign was placed for safety.	Per the NC dispute meeting the STO checklist has been updated to cover signal mounted signs.	9/22/2020 8:43:28 AM -06:00	Audit Comment	This is a Sturgeon responsibility. MOT does not have the equipment or certifications to hang overhead signs. After 5 whys agreements were made to add overhead signs to Safe to Open spreadsheet.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		One detour trailblazer was down but crews were working to address it	Conformance	11/19/2019 7:51:07 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	12/2/2019 7:11:39 AM - 07:00	Signs installed properly and in satisfactory condition		Overhead signs for the NB and SB Holly Traffic on N Stapleton Holly intersection were not installed.	See NCR 1765	12/20/2019 8:13:41 AM -07:00	NC-2	NCR-1765 created	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs were installed correctly per plans.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM - 07:00	Signs installed properly and in satisfactory condition		"Downtown Denver - Use I-25 South" signage was not relocated to its proper position on temporary sign structure. Currently, message is being displayed on PCMS. Signage to be in proper position on temporary sign structure at this location, as well as at the EB Brighton Off-Ramp that has yet to be installed on temporary sign structure.	Temp signage replaced VMS boards.	4/7/2020 3:32:05 PM -06:00	Audit Comment	Temp signage will replace the VMS board	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		Signs installed in proper and adequate position, and are in a satisfactory condition for use.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	2/18/2020 12:03:41 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		No advance signing was installed. Only temporary signing for double lane closure of EB I-70 was present.	See NCR 2012	3/9/2020 9:54:29 AM -06:00	NC-2	NCR 2012 was generated to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Closure was installed without advance warning signs for the lane closure and for the ramp closure. Upon discussion with the MOT team they installed the advance warning signs.	Field Resolved	3/19/2020 10:40:22 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:03 AM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs were not noticed on NB Quebec prior to crew setting the taper of the closure.	Noted	1/27/2020 10:59:42 AM -07:00	Audit Comment	Crews have been instructed/trained to always place signs before setting devices on the ground	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/16/2020 7:29:30 AM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		"Left lane must turn left" sign discussed to be added in email correspondence was not added to MHT 258b.	The MHT will be updated to include a sign for future use of the MHT in question.	2/4/2020 9:16:00 AM -07:00	Audit Comment	Kiewit disagreed with the addition of the left lane must turn left. The existing turn pocket condition did not include such a sign. With the MHT also creating a turn pocket a left lane turn left sign would either be too late for it to effect traffic or too early and confuse drivers.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	11/19/2019 7:51:07 PM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Crews failed to implement the applicable signage for the closure of the WB Steele Off Ramp. (Attached is the plan sheet for this closure.) Upon notification from the Department the MOT team began assembling signs and had them installed within 24hrs of the initial notification.	Field Resolved	7/2/2020 8:00:37 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:50:01 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Per EMT-1010A trucks entering signs shall be installed when in use and removed when not in use. All accesses were not in use but the signs for accesses on WB I-70 were still in place. As of 7/16/20 KMP has remedied all signage. Signs left in place for accesses in use and signs removed and barrels at 25' spacing placed for all access not in use.	Field Resolved	7/21/2020 2:28:26 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:48:33 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		On 46th between York and Josephine a one lane road was implemented without flaggers in place to direct traffic. As a result EB & WB traffic were sharing the same lane of traffic. The closure was in place for a sanitary sewer bypass pumping operation.	ncr written	6/26/2021 12:49:16 PM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:48:33 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		A sub-contractor working on relocating the Zayo fiber optic line for the C70 Project was observed working within a one lane closer on 46th Ave. between Garfield St. and Jackson St. The one lane closer was put in place with no advanced warning and no flangers to facilitate traffic. A dangerous situation was created by having WB traffic having to traverse into and through the EB lane.	ncr written	6/26/2021 12:49:21 PM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:47:59 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Paving back of a water line was being performed on 47th at St. Paul by a drainage crew. Cones were installed but the closure did not follow an approved MHT and did not have advanced warning.	NCR written	6/26/2021 12:48:53 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Conformance	Conformance	8/25/2020 9:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/27/2020 4:15:55 PM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The 15mph advisory sign was missing from below the curve left sign on 46th.	Field Resolved	8/27/2020 2:08:30 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Sign W9-1R was not in place (Lane ends merge right). A message board was put in place of missing sign although MUTCD says message board shall not be substitute for conventional signs.	Field Resolved	9/16/2020 8:48:13 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		(A: I-225 NB to -70 WB)- Signage conforms to TCP and MHT.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		(B: I-70 WB to I-270 WB)- Signage conforms to TCP and MHT.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	5/27/2020 8:12:11 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		SB left lane closure on York St. south of E. 46th Ave. was closed with the proper advanced warning signage. Additionally, a stop sign at the York S. & E. 45th Ave. Was obstructed creating a very dangerous situation.	ENCR0161	6/3/2021 12:49:31 PM -06:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	6/1/2020 7:38:09 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Traffic control devices or signs were placed for the closure of Columbine Bridge but not in accordance with MUTCD. 7 foot tall sign stands should be utilized on surface streets if obstructions are present. Sturgeon was using the closure to unload and install duct bank conduit along the N 46th between Columbine and Josephine. Shane Sweetalla was notified as soon as this closure was observed. The signs were tipped over. Sign maintenance was the biggest take away. Please see attached pictures. This was discussed in a meeting and the MOT practices are being adjusted appropriately.	Old assessment closure. One off issue	6/3/2021 9:20:39 AM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs installed were placed per plan.	Conformance	3/16/2022 3:38:18 PM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT's 168, 165, 114.)	Conformance	5/11/2021 11:36:00 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		conformance	Conformance	6/7/2021 7:44:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		<p>Curve and advisory signs were missing along with lane designation sign. Crews installed the night after the switch.</p> <p>Also the department noticed that chevrons should have been included in the design. A TCR was submitted to add chevrons which were installed.</p>	Field Resolved	6/7/2021 7:43:47 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		<p>Sheet WMT-3100 shows two 25mph curve signs should be double posted at the bottom of the off ramp. CDOT noticed that the two signs were missing and alerted the MOT team who plans to install them on the night of 05/25/21. The MOT team also self identified that the lane configuration signs were missing as well and plan to install those on 5/25/21 as well.</p>	Field Resolved	5/25/2021 1:30:32 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs conformed to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT's 168, 165, 115).	Conformance	4/27/2021 8:26:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		TCR-117 was not fully implemented. Did not cover East on the Sign at 48th and Colorado. Did not Cover the sign calling out WB I-70 Keep left after I-270. Did not install I-70 cluster at split between Colorado/Steele. Did not install trailblazer on SB Colorado after 48th. Did not move the Do not enter sign at the top of the I-70 WB off ramp to north side of the off ramp per the plans.	Field Resolved	11/18/2020 4:02:38 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM - 07:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		EB Quebec Northfield Sign on Temp structure at the Holly Bridge is no longer necessary. Advance Exit with mileage sign for Quebec, Central Park, and Havana has not been relocated from existing butterfly median structure. As of 28 December, this was removed.	Field Resolved	2/5/2021 10:35:34 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		<p>The signage for the closure failed to match the MHT on both spacing and type.</p> <p>1) Due to the closure not being properly set up the signs were not set properly. The second merge sign was placed in the first lane closure taper in front of the arrow board.</p> <p>2) The lane closed ahead sign was set for a single lane closure. It displayed left lane closed and should have read two left lanes closed ahead</p>	Field Resolved	12/10/2020 2:26:58 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/9/2021 2:50:51 PM -07:00	Check that the signs are clean, legible, and in good repair.		the WB Holly On Ramp Merge sign has been struck. As of 28 December, this was in progress for repair.	Field Resolved	2/5/2021 10:35:34 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Checked that the signs were clean, legible, and in good repair.	Conformance	4/27/2021 8:26:34 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		conformance	Conformance	6/7/2021 7:44:38 AM -06:00	C		Closed
Central 70	C 0704-241	Set Traffic Control	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Noted that signs that the signs set were clean, legible, and in good repair.	Conformance	5/11/2021 11:36:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Check that the signs are clean, legible, and in good repair.		(B: I-70 WB to I-270 WB)- Majority of signage and TCD's are clean and maintained, observed two signs at Off Ramp that needed to be washed/ cleaned.	Response from Contractor accepted.	5/12/2020 7:51:56 PM -06:00	Audit Comment	Signs are cleaned as needed.	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Check that the signs are clean, legible, and in good repair.		(A: I-225 NB to -70 WB)- Signage were clean, legible, and in good repair.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Conformance	Conformance	11/19/2019 7:51:07 PM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Signs were clean and legible.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/19/2020 2:51:34 PM - 06:00	Check that the signs are clean, legible, and in good repair.		Other QCATs observed that the detour trailblazer signs installed meet the requirement.	Conformance	3/19/2020 10:40:22 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Temporary signs are properly weighted and mounted at proper height.	Conformance	3/23/2020 1:42:06 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Signs were properly mounted and weighted.	Conformance	1/16/2020 7:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Conformance	Conformance	8/25/2020 9:30:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/9/2020 3:33:09 PM - 06:00	Signs not in use should be properly stored. Check that signs are: a. lying flat, including the base; b. beyond the shoulder; c. outside the normal roadside recovery area; and d. not on landscaped areas or sidewalks.		Duplicate signage was observed at the Grape Intersection, as well as the 35 mph sign west of Forest.	Signs resolved	9/3/2020 7:48:05 AM -06:00	Audit Comment	Temp signage already in place. The permanent sign crew came in and set up the permanent signs but did not let MOT know. We held a meeting the the permanent sign crew and came up with a process of notification to MOT before erecting permanents .	Closed
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		(A: I-225 NB to -70 WB)- Sign legend or portions that conflicted with the construction signing or TCP were completely covered so none of the covered sign or legend was visible to traffic.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	5/7/2020 10:03:36 AM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		(B: I-70 WB to I-270 WB)-Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan were completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.	Conformance	5/7/2020 3:10:36 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	9/25/2020 1:03:38 PM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Conflicting permanent guide sign at the intersection of 46th Ave and 44th St. was not noticed on the safe to open for Brighton NB/SB. The signage was brought up to the MOT team in the MOT WhatsApp in an event to prevent an NC but has not been addressed. A conflicting sign was also found on SB Baldwin Ct. directing motorists inside the road closure to access WB I-70. Attached are photos of the signs.	ENCR 252	4/8/2021 3:05:45 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/27/2020 4:15:55 PM - 06:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		A stop here on red sign had not been turned away from traffic.	Field Resolved	8/27/2020 2:08:30 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	1/27/2020 7:28:03 AM - 07:00	Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		Traveling public is moved to the left lane along EB 46th from Steele to Madison. "Left Lane Closed Ahead" signage remained in place thus conflicting with traffic movement.	NCR 1945 Created to Track Issue.	1/28/2020 10:38:49 AM -07:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		One sign was noted as needing a covering early on in the switch and was brought up to crews which covered it and the other was turned away from traffic.	Conformance	6/7/2021 7:44:38 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:49:32 PM - 06:00	Check that proper flagging methods are being used.		A flagger was in place for the CCI drainage crew and did not have the appropriate signage in place.	NCR written	6/26/2021 12:28:32 PM -06:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/5/2020 8:41:32 AM - 07:00	Check flagger location as follows: a. Flagger facing oncoming traffic? b. Visible to oncoming traffic? c. Proper distance in advance of work? d. Flagger's station illuminated if working at night?		No flagger was present at S Stapleton and Oneida. Tandems were backing into operation across live traffic lane with no traffic control.	See Expedited NCR 45	5/9/2020 1:47:07 PM -06:00	NC-2	NCR-0045 created	Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Existing asphalt was sawcut	Conformance	6/30/2020 1:18:20 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was removed per plan, with neat straight line limits of removals.	Conformance	9/30/2021 7:23:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was removed to proper limits for construction phase.	Conformance	8/31/2021 8:36:23 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was removed, and salvageable millings were reclaimed for construction use.	Conformance	6/7/2021 8:13:38 AM -06:00	C		Closed
Central 70	C 0704-241	Asphalt Milling	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was completely milled out.	Conformance	12/10/2020 2:04:54 PM -07:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Pavement surface was removed in accordance with plans.	Conformance	2/5/2021 9:29:46 AM -07:00	C		Closed
Central 70	C 0704-241	Asphalt Milling	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was milled and removed in accordance with plans.	Conformance	2/5/2021 9:31:37 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has skid resistant surface and have the word "CDOT COMM" cast on the top of cover.		Manhole lid is skid resistant and is cast with "CDOT COMM" into lid	Conformance	2/17/2021 9:20:05 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has skid resistant surface and have the word "CDOT COMM" cast on the top of cover.		Lid has "CDOT COMM" cast into lid	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Strcuture Backfill (Class 2).		Backfill was tested in conformance with section 206	Conformanc e	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	9/28/2020 3:16:26 PM - 06:00	Backfill around the Manhole TMS excavation shall conform to Section 206, Strcuture Backfill (Class 2).		The communications manhole was in conflict with 30" drainage line P-MH-46W6034a_c. The pipe backfill should maintain 18" of clearance on each side of the spring line in accordance with M-206-1. Sturgeon surveyed the location to ensure the vault would be placed in the appropriate location but the drainage line is still conflict. The comms vault is restricted on the south side by roadway barrier. Please see the associated plan sheets and pictures. This will be tracked as NC-2 until the conflict is mitigated then retracted and changed to a Field Resolved issue.	The area was backfilled following the disposition and the NCR was closed.	2/17/2021 3:06:48 PM -07:00	NC-2	NCR-2292 is now closed.	Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Strcuture Backfill (Class 2).		Backfill is in conformance with section 604	Conformanc e	2/17/2021 9:20:05 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		3/4" granite used at base of manhole	Conformanc e	2/17/2021 9:20:05 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	9/28/2020 3:16:26 PM - 06:00	A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		12" of stone was present in the excavation before the communications manhole was installed.	Conformanc e	9/28/2020 12:10:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:58:22 PM - 06:00	A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		The stone was placed to an appropriate depth in accordance with plan sheet EL-103.	Conformance	7/27/2020 12:58:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12" of 3/4 inch granite-gravel shall be placed below the Manhole TMS.		Granite was placed before manhole was lowered on top.	Conformance	1/2/2020 8:15:08 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		IQC approved the mix design for the slab that was poured.	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design has been reviewed and approved by IQC.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being used is approved and reviewed by IQC.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix design has been reviewed and approved by IQC and third party (CCD).	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		IQC was on site. Mix design was 9456738.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Mix design has been approved by IQC.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed

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Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed was reviewed and approved by IQC before placement.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		IQC was onsite performing inspection/testing of mix design	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix used was an approved Class D mix.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design was reviewed and approved by IQC.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		with the mix design that was being used the air content out of the pump truck needs to be between 5% and 8%. during the cover deck pour there is an additional test straight out of the concrete truck in order to correlate the air difference from the concrete truck to the deck. on the third truck the test from the concrete truck was 7.3% and the concrete on the other side out of the pump	Field Resolved	7/27/2020 1:02:15 PM -06:00	Field Resolved		Closed



							was measured to be 2.3%. while the correlation had been around a 1% difference 2.3% made zero sense and with miss communication between the foreman on the deck placing concrete and the superintendent with the concrete truck they added 3oz of air and then reperformed the test. this test showed that the concrete at the deck was 9% which is out of spec. they ended up waiting 15 minutes to let the air come down and then performed a third test which passed at 7.8% air content. during this long process a total amount of 2 cubic yards of none spec concrete was discharged onto the deck with IQC saying they see no problem with that concrete. see pictures attached for the highlighted area this concrete was placed.					
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix used was approved by IQC.	Conformance	11/2/2020 3:51:46 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Cover		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The SpecChem Grout was already approved on the project.	Conformance	5/14/2020 1:34:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		RFC-514 allowed for a deviation in air content away from the specification in the RFC drawings. The specs required 2-4%. But the current mixed design that was approved on the project was 4-8%. Since having more air is an enhancement for freeze-thaw. This was considered a non-issue but changes need to be captured in the as-builts of the specifications 033000 2.1.G.1 Cast in Place Concrete.	Addressed	7/28/2020 12:24:34 PM -06:00	Audit Comment	KIC will make sure as-built's reflect the air entrainment adjustment to the approved mix design placed.	Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The fiber reinforced concrete was approved. Please see attached mix design.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed was reviewed and approved by IQC.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete placed has been reviewed and approved by IQC.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design has been reviewed and approved by IQC.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed for the concrete barrier has been reviewed and approved by IQC.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The following Mix Design was used (Mix Code #9456738). Please see the attached concrete batch tickets. The Class 2 Sulfate Resistance is in accordance with General Note #1 on Plan Sheet VLT-104 & VLT-105 of NDC-600.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed was reviewed and approved by IQC.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than 2 years old.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used in not more than 2 years old.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than two years old.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used in not more than two years old.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is less than two years old.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	The Concrete mix design being used is not more than 2 years old.		The mix design was re-approved after the 2 year mark. Please see the attached concrete tickets for the load delivered for this placement.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design being used is not more than 2 years old.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than two years old.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Concrete mix design being used is not more than 2 years old.		The concrete mix design is less than 2 years old.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Concrete mix design being used is not more than 2 years old.		The mix design was re-approved after the 2 year mark. Please see that attached concrete ticket.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected tickets for each (2) loads of concrete and no trucks arrived without tickets.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected all the batch/delivery tickets for each load of concrete. No loads were rejected.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Both concrete batch tickets with all adequate information was collected by IQC.	Conformance	10/1/2020 10:38:40 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		Both tickets were collected from the contractor with the correct information.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Noise Walls	Walls		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch tickets for each load of concrete and no trucks arrived without tickets.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch tickets for each load of concrete. No trucks arrived without tickets.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		All of the information specified was provided on each batch ticket.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		I checked a couple of the batch tickets and all the required information was on the tickets.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	9/21/2020 1:44:59 PM - 06:00	The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		At time of placement, Trucks number 1, 4, 5, 6, 7, 8, 9, and 12 did not include weights or type of admixture, type brand and amount of cement, fly ash, and pozzolan, weights of aggregates, or gallons of batch water. See attached tickets from IQC.	See NCR 483, not 458	11/18/2020 12:58:14 PM -07:00	NC-2	ENCR 458 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Please see that attached batch ticket.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		The batch system used by IQC/concrete company supplies this documentation.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Batch ticket had proper information.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		Please see the attached batch ticket in comment #1.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added all information needed on the batch ticket at the site.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		I checked several of the batch tickets and all information required to be entered at the placement site was on the ticket and correctly entered.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		I observed the contractor adding the required information to the tickets after the concrete was tested.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		The contractor added all of the required information to the batch tickets.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		For Class H & HT concrete water has not been added after intial mixing.		no water was added for to the mix after initial mixing	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete has been placed within the following times after batching: a) 90 minutes when concrete is delivered in truck mixers or agitating trucks a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if: (1) No water is added after 90 minutes. (2) The concrete temperature prior to placement is less than 90 °F a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below: (3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture. b) 60 minutes when delivered in non agitating trucks.		Concrete was placed within allowable timeframe.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		All concrete placed was within the time limits of the specifications.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		From the time the truck arrived to the time the concrete was poured was within 90 minutes (27 minutes).	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed with 90 minutes of being batched.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		The concrete was placed within the following time limit.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was mixed and placed within allowable timeframes.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		The concrete was mixed prior to the job site. Concrete was mixed 20 revolutions before being discharged at the job site.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		There was no water added to the concrete.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Drum was turned the proper revolutions after adding water.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Water was added and the appropriate rotations occurred before the mix was placed.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall furnish a water-measuring device in good working condition, mounted on each transit mix truck, for measuring the water added to the mix after the truck has left the charging plant. The added water shall not cause the water/cement ratio to exceed the requirements in subsection 601.02 & documented on the delivery slip.		Each of the four trucks had a water measuring device that was in good working order.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		The concrete was originally tested with and air content of 10.5%. The truck sat 20 minutes and was retested to be with conformance of the specified air content of 5-8% air content.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		No air was added to the mix that was delivered. (truck 1 - 7.6%)	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		one of the concrete trucks arrived on sight and was tested with an air outcome of 4.5% air which is below conformance. air admixtures were added and the to bring to air up to 6% which is within conformance.	Conformance	6/25/2020 11:38:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		Truck 1 of the pour was tested at a 5.1% air by PC. Approved air entraining admixture was added, and truck mixer was spun 20 revolutions prior to retesting.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms used were mortar tight.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		All of the formwork was mortar tight and there was no visible distortion from loading.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		All of the forms were in place and rigid before the placement of concrete.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Did not witness any issues	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM -06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		the forms were tight and rigid so that no distortion was present after concrete and vibrating was performed.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were in conformance.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		All concrete forms appeared to be mortar tight and well secured/braced before the pour and I saw no instances of the forms leaking.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		all forms were mortar tight.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM -06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Form were mortar tight and sufficiently rigid.The foreman was measuring the formwork after each lift to ensure form displacement was not occurring.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		There was some minor leaking at the bottom of the forms. It was addressed at soon as it was noticed.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were adequate.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight and no distortion was observed during my observation.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently braced to prevent distortion due to concrete loading and vibration.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight. No leaking was observed.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Formwork installed is mortar tight and sufficiently rigid to prevent distortion due to concrete pressures, and other loads including vibration.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently rigid to prevent distortion due to loads and pressures of concrete.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms in place are mortar tight and rigid to prevent movement from the pressure loads of concrete within, and from vibrations during placement operations.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		From visual inspection throughout the placement, the form were sufficiently rigid and free of distortion.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		all forms were mortared tight, had no seep holes, and stayed rigid during the pour.	Conformance	7/14/2020 12:16:24 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		all forms were mortar tight, with no distortion due to pressure from the concrete.	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were tight and rigid throughout observation.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed

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Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Form liner issues were noted. It appears some type of repair was performed to eliminate lines. This material should be submitted. A repair procedure should have been submitted and discussed as well by EOR.		9/9/2020 2:29:59 PM -06:00	Audit Comment	KIC PC has communicated to the production teams that any repair procedure that does not follow 601.14 needs to be submitted to the EOR. In addition the form liner concern and any repair to aesthetic items will be walked and discussed during punchlist.	Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were tight and sufficiently rigid throughout the placement.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	6/25/2020 1:37:08 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		all forms were mortar tight and stayed in place through entire operation	Conformance	6/25/2020 11:34:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were tight and rigid during my inspection and observation during the placement.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		forms showed no signs of kick out or bulges.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	8/3/2020 11:28:04 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		during and after the placement all the forms were inspected to verify that they continued to be mortar tight, and that the forms stayed rigid.	Conformance	10/1/2020 10:39:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		all forms were mortar tight and rigid so that the forms stayed in place during the concrete pour.	Conformance	7/16/2020 10:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	7/9/2020 4:46:15 PM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		south west form pushed out during the pour, they get the form somewhat back to plum with more reinforcements to the form on that side. the wall is within tolerance of 1/2". see attached pictures for reference.		9/9/2020 2:32:21 PM -06:00	Audit Comment	Form moved during placement and was remediated while the concrete was still plastic. as stated the wall is still within tolerance.	Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The forms were mortar tight.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/3/2020 1:13:00 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were rigid and mortar tight.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently rigid to prevent distortion due to the presence of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		it was observed that the forms stayed rigid, and that there was no distortion due to the load of the concrete.	Conformance	12/3/2020 9:10:01 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms are mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were rigid and mortar tight.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The steel forms being used are sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Steel forms were used and were sufficiently mortar tight and rigid to prevent vibration.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The concrete forms are mortar tight and sufficiently rigid to prevent distortion from the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		I walked the length of the pour and the forms appeared to be mortar tight and sufficiently rigid/braced.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		it was observed before and after placement that forms were mortar tight and free of any distortion due to the pressure of the concrete.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		it was observed that during concrete placement all forms remained mortar tight.	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		it was observed that during the pour all forms remained mortar tight.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		during the prepour it was observed that the front face of the bottom of the forms in some areas had a 1" - 1.5" gap. this was brought up to the superintendent and fixed prior to the placement of concrete.	Field Resolved	3/25/2021 11:09:24 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Wooden forms were mortar tight and rigid to prevent distortion.	Conformance	8/3/2021 3:53:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were acceptable.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Contractor used metal forms.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Form work appeared acceptable.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were acceptable.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Form work was acceptable.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Form joints were acceptable.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms appeared acceptable prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		The joints were tight throughout placement.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed properly.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms are in good working order and maintained.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were adequate.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside of forms were clean.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		All formed surfaces were free of debris and foreign material.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean	Conformance	4/24/2020 8:58:17 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were clean before they were installed. They were visually inspected the day of the placement.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM - 06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The crew spent time before the pour removing dirt on the rebar. Due to the varying height of the drilled caisson concrete. Some of top of drilled caissons had a good amount of dirt on them. The crew used a vacuum and water from the concrete truck to remove most of it. More care should be taken to ensure no foreign materials enter the placement while the rebar is tied. Please see attached pictures.	Addressed	5/30/2020 12:47:19 PM -06:00	Audit Comment	Acknowledged. My understanding is the rebar was cleaned prior to concrete placement.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I looked inside the forms before the pour and observed no deleterious materials inside.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside of the forms looked to be sufficiently clean.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were cleaned of any deleterious materials prior to the concrete pour.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms are clean and contain no deleterious substances.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside of the forms was clean and contained no deleterious materials.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were free of debris.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I observed minor trash in the forms but the contractor cleaned it out prior to pouring concrete.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surface of forms are cleaned of dirt, debris, and other foreign material is not present.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms are clean and free of foreign debris prior to concrete placement operations.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The side surfaces of the placement were free of foreign materials and debris.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside of all forms was clean off all deleterious materials.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were free of debris and foreign materials.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were free from any deleterious materials.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and free of debris.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		all forms were cleaned to satisfactory before being used for the pour	Conformance	7/14/2020 12:16:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		the inside surface of the forms were clear of all foreign material.	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surface of the placement were free of dirt and foreign materials	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned prior to placement.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were cleaned from debris prior to concrete being poured.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The forms were free of foreign materials and debris.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	6/25/2020 1:37:08 PM -06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		form were completely free of any foreign material	Conformance	6/25/2020 11:34:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside of the forms were clean and free of debris.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were free from dirt or other material.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned.	Conformance	8/3/2020 11:28:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the the forms were cleaned of any deleterious materials.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms are clean of any kind of deleterious materials.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were cleaned.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of all forms were clean of any deleterious materials.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	11/3/2020 1:13:00 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside formed surfaces were clean.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces were clean.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Some groundwater was present within the placement but not enough to be considered detrimental to the placement. Dewatering the placement area was constant task.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and free of debris prior to concrete placement.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The form surfaces were clean of any deleterious materials.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were free of foreign material.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material were present.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean prior to concrete placement.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside form surfaces were mortar tight.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I looked at the forms prior to placement and observed no deleterious materials on the form surfaces.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were cleaned.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		it was observed that all forms were free of any foreign material.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and free of debris.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were clean of any kind of deleterious materials.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were clean.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		it was observed that prior to concrete placement all forms were free of foreign material, and was clean of all dirt and trash.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and mortar tight.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of the forms were clean of any deleterious materials.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were clean and free of any deleterious materials.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Insides of forms were clean of all debris.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with form oil.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to placement.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated thoroughly with a form oil from the approved products list.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were thoroughly coated with a form oil from the approved materials list.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Form oil was used to coat forms.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated in oil prior to placement.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were thoroughly coated with a form oil from the approved products list.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The steel forms used were thoroughly coated with form oil from the approved list prior to use.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Metal forms were treated with form oil.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to concrete placement.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to concrete placement.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		All form surfaces were coated with a form oil from the approved products list.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Wall forms were thoroughly coated with an approved form oil before concrete placement.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with a form oil from the approved products list.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The form liners were thoroughly coated with form oil from the approved product list.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with oil properly.	Conformance	8/3/2020 11:28:04 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Metal forms were coated with form oil. Wood forms were moistened prior to pour.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were coated with form oil prior to use. This was verified by visual inspection.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		forms were treated with oil before being placed.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were coated with a form oil from the approved products list.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were treated with form oil appropriately.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		All form surfaces were coated with a form oil from the approved products list.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were treated with form oil prior to use.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		the forms had form liner, no oil was used on the forms.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms were sprayed with an approved form oil.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms are thoroughly coated with a form oil from the approved products list.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		The forms being used were coated thoroughly with form oil.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		the forms used were used for every coping pour on the wall and was adequately oil before each use.	Conformanc e	7/14/2020 12:14:54 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		A release agent was used on the form work before the forms were installed.	Conformanc e	6/4/2020 7:40:13 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		All formed surface were properly coated with form oil prior to the form placement.	Conformanc e	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All of the formwork was completed before the placement of concrete. All of the epoxy coated projection steel in the top of the abutment was placed.	Conformanc e	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All reinforcing steel was tied, and inspected by IQC prior to pour.	Conformanc e	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work was complete and IQC hold point met before concrete was placed.	Conformanc e	5/14/2020 4:38:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		The form work installation and all connections were complete the day before the placement.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		all forms were buttoned up and plum before even the inspection was performed by IQC and myself, therefore the forms were complete before concrete pouring.	Conformance	7/14/2020 12:14:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms was complete before the start of the concrete pour.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All formwork was completed before the placement of concrete.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms is complete before the start of the pour.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All formwork was complete prior to the placement of concrete.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work was completed prior to concrete deposit.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited within the forms until all work associated with operation was completed, inspected, and approved by IQC to continue.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work with forms, reinforcing steel, etc. was completed before placing concrete.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed within forms until all work was completed, including all materials in place and forms prepared, as per plans and specifications.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		all of the forms were set and secured before the truck arrived, therefore everything was set properly before pouring. all material that was to be embedded into the concrete was also place prior to pour.	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		The forms were completed before concrete was placed in the forms.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was completed before the concrete placement.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work with the forms was completed before any concrete was deposited in the forms.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		IQC hold point was met.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited within the forms until all work connected with constructing the forms has been completed. Materials required to be in place prior to concrete have been set.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all other materials and work inside forms were completed.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All of the forms were constructed before concrete was placed.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		all work that was needed to be done prior to concrete placement was done accordingly.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		The anchor bolts were place in accordance with the manufacturers installation manual and RFC-710 Low Voltage Anchoring Requirements which includes the foundations in the equipment yard. The anchor bolts were placed by Sturgeon before the concrete was placed.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		The formwork was completed before the placement began.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Work was complete.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with constructing the forms was completed prior to concrete placement.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Form work was completed prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All formwork was completed prior to the placement of concrete.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was completed prior to the start of the placement of concrete.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		the forms were locked together and supported on the outsides prior to concrete placement.	Conformance	12/3/2020 9:10:01 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All formwork and headers were completed prior to concrete placement.	Conformance	10/7/2020 5:28:59 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All forms were completed prior to placement of concrete.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete placement was acceptable.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Pump truck was used and concrete placement appeared acceptable.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was complete prior to concrete being deposited in the forms.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was completed prior to the placement of concrete.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All work connected with the forms was complete prior to concrete placement.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Form work was completed prior to concrete placement.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was completed prior to concrete being deposited into the forms.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was completed prior to placement of concrete.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		it was observed that all forms being used were completely connected prior to concrete being deposited into the forms.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all form work was complete.	Conformance	8/5/2021 2:37:15 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All form work was complete prior to placement of concrete.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was placed in acceptable manner.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer was placed per plans.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered per plans.	Conformance	11/5/2020 3:11:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer was installed per plans.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All forms were chamfered as shown on the plans and form liners were inside the forms.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered in proper locations.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		The exposed edges were chamfered in accordance with the plans and specifications.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Small chamfers were used appropriately. Large chamfers were used at areas with masonry. The locations were in conformance with the RFC plans.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Edges were chamfered.	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		The forms were chamfered at shown on the plans.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		The appropriate chamfer was installed for door openings and masonry walls in accordance with the plans.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered to assure easy removal, and appeared to located where needed per plan.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All edges and pier 2 cap steps were chamfered appropriately.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All forms had the correct size chamfer placed in the correct locations.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms are chamfered as shown on the plans.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were adequate.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All of the appropriate chamfer was used during the placement.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		All chamfer was placed.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Anchorage were constructed to permit proper removal.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		No metal ties/anchorages were seen. All removed to appropriate depths	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal ties were acceptable.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal ties were acceptable.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Anchorage was removed and voids filled.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal tie placement was acceptable.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal tie placement was acceptable.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal tie placement was acceptable.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Anchorage was removed and voids filled.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms treated with form oil or an approved release agent compatible with the finish coatings		The forms were treated with a form oil from the approved products list.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		The steel forms were treated with form oil from the approved materials list.	Conformance	8/5/2021 2:37:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were coated with releasing agent prior to placement.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with releasing agent prior to concrete placement.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		Contractor used releasing agent.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Forms treated with form oil or an approved release agent compatible with the finish coatings		Metal forms were used for the culvert walls and were treated with form oil prior to placement.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were coated with releasing agent prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with form oil.	Conformance	11/5/2020 3:11:12 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were coated in form oil.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		All forms were treated with form oil and release agent before concrete placement.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms treated with approved release agent.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were moistened with water using the hose of the first concrete truck and before placing concrete.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM -06:00	Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms and grade were thoroughly moistened with water immediately prior to placement of concrete.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were not used.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to placement.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moist prior to concrete placement.	Conformance	4/26/2021 3:20:54 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		The contractor sprayed the forms thoroughly with water immediately prior to placing concrete.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to concrete placement.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to concrete placement.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	All falsework drawings, including revisions, shall be prepared by the Contractor's Engineer, shall meet the requirements of subsection 601.11, and shall be provided by the Contractor to the Engineer for record purposes only. The drawings shall be signed and sealed by the Contractor's Engineer.		Falsework was approved for the Clayton and Columbine Bridges and not for the span between the bridges. (Please see attached) The construction loads of the pier cap are the same as each Cover Bridge. The falsework is just duplicated for the entire run between bridges. Please adjust the Safety Critical to ensure this falsework was approved for the entire pier cap of the Cover.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		The formwork will be removed once the appropriate maturity meter readings are met.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Falsework remained in place until compressive strength as determined by maturity meters reached 0.80f 'c.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Concrete forms/falsework remained in place until the concrete attained a minimum compressive strength of 0.80f 'c according to the maturity meters placed inside.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		The forms were in place until the concrete reached the required compressive strength as determined with maturity meters.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Falsework remained in place until the maturity meters indicated that the concrete strength exceeded the minimum of 0.80f 'c.	Conformance	8/5/2021 2:37:16 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		The concrete attained a minimum compressive strength of 0.80f 'c and the falsework was removed.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Railroad Grading	Earthwork		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		All form falsework remained in place and was not stripped until the concrete attained a minimum compressive strength of 0.80f 'c as determined by maturity meters.	Conformance	7/30/2021 8:02:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Girders shall not be erected onto such pier caps until the concrete in the cap has attained the compressive strength of at least 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Girders have not been placed yet.	Conformance	4/26/2021 3:20:55 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Girders shall not be erected onto such pier caps until the concrete in the cap has attained the compressive strength of at least 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		.80f 'c was met before the Girders were erected on the Abutment.	Conformance	12/3/2020 9:10:01 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Girders shall not be erected onto such pier caps until the concrete in the cap has attained the compressive strength of at least 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		Reference comment #6.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		No embedded materials or block outs were present in this placement.	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		conduits were located in proper location	Conformance	4/24/2020 8:58:17 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded utility conduit was properly secured.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embeds were placed and adequately secured before the pour.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials and blockouts (dowels, dowel formers) are placed accurately and are secured.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM -06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The blockouts for the two utility chases and drain pipe were present and in accordance with the plans.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded anchor bolts were placed in position at proper depth and adequately secured during concrete placement and finishing operations.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM -06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The appropriate blockouts and ground wire was installed in the placement. Reference the shop drawings in Aconex and the pictures attached.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/12/2020 4:56:29 PM - 06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The quantity of sleeves was field fit for the Normal Power Lighting Conduits. (2) sets of (4) 2" penetrations were place initially for a total of 8. PC was notified the conduits penetrations were the wrong size. So instead of placing (2) sets of (4) 3" conduit penetrations called out on plan sheet EL-120. (2) additional sets of (4) 2" penetrations were added for a total of (16) 2" conduit penetrations. Additional conduits should be captured in as-builts. The electrical room penetrations were also inspected with no issues. Please see attached pictures and plan sheets.	Field Resolved	8/10/2020 8:36:32 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		block out was placed in accordance with plans	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The anchor bolts were placed in accordance with the manufacturer's installation manual and RFC-710 Low Voltage Anchoring Requirements which includes the foundations in the equipment yard. The anchor bolts were placed by Sturgeon before the concrete was placed.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		There were no block out present in this placement. The 54" storm line will be represented on plans sheet DLP3-02 will be cored out at a later date.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The block outs were addressed in NDC-510 which was approved through a restricted activity. An embed issue was addressed through NDC-534 with wall adjustments. All utility block outs were present. All structural steel embeds were present. All items cast into the placement were supported appropriately. Please see attached pictures for embeds. 6" block out for sanitary on West wall was moved 3.5 ft higher by plumber. 4" block out for waterline on East wall was not present in the shop drawings. Both piping block outs will be captured in the as-builts.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		dowel bars were secured by 2X4 lumber on each side.	Conformance	12/3/2020 9:10:01 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		The fire supply line block out was present.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Imbedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) were placed and adequately secured.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls	6/25/2020 1:37:08 PM - 06:00	Drainage and weep holes at proper locations and elevations		the wall possesses one weep hole and it was place in accordance with the plans	Conformanc e	6/25/2020 11:34:18 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		all weep holes were installed at proper elevation and location	Conformanc e	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		A grooved pattern surface finish as designated on the plans shall be used on the designated portions of concrete walls. For all walls or panels requiring a grooved pattern on the exposed surface which are less than 10 feet in height, the form liner producing the pattern shall be one continuous piece extending the full height of the wall or panel.		it was observed that the form liner used for the noise wall pour was one continuous piece.	Conformanc e	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		A grooved pattern surface finish as designated on the plans shall be used on the designated portions of concrete walls. For all walls or panels requiring a grooved pattern on the exposed surface which are less than 10 feet in height, the form liner producing the pattern shall be one continuous piece extending the full height of the wall or panel.		Surface pattern form liners were applied to forms.	Conformanc e	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Horizontal joints in adjacent form liner sections shall be offset by no less than one foot vertically. The form liners shall be properly aligned to limit visible horizontal and vertical joints in the concrete.		Horizontal and vertical joints were placed at the appropriate locations.	Conformanc e	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Horizontal joints in adjacent form liner sections shall be offset by no less than one foot vertically. The form liners shall be properly aligned to limit visible horizontal and vertical joints in the concrete.		Forms were offset in compliance.	Conformanc e	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructu re	Structures		Horizontal joints in adjacent form liner sections shall be offset by no less than one foot vertically. The form liners shall be properly aligned to limit visible horizontal and vertical joints in the concrete.		All horizontal joints were within conformance of the specifications.	Conformanc e	2/13/2020 1:34:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were placed at the appropriate areas within the placement.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was present in the placement.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were installed the day of the placement.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were present in the placement.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		maturity meters were used for the CIP wall pour and the contractor provided all necessary wires and connectors.	Conformance	10/1/2020 10:38:40 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided and placed maturity meters before the pour.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were provided by PC.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided and placed the maturity meters.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Kiewit supplied and installed maturity meters.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meter and all required wires and connectors have been provided.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Contractor providing necessary maturity meters and all wires and connectors.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		Three maturity meters were cast into the placement.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were present in the placement during my inspection.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		I verified that maturity meters were present in the placement.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were present in the placement.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were present in the placement.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		PC provided maturity meters.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were present in the placement.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were provided and placed by PC.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was provided with everything necessary for the meter.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were installed.	Conformance	4/26/2021 3:20:55 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor (Ben Changnon) provided and placed maturity meters, wires and connectors.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		it was observed that the contractor placed 2 maturity meters at the third points on the footing.	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were used.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were placed in pour.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided maturity meters and all necessary wires and connectors.	Conformance	2/3/2021 8:12:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided maturity meters and all necessary wires and connectors.	Conformance	2/3/2021 8:12:13 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		PC supplied and installed the maturity meters and all necessary wiring.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided maturity meters and all necessary wires and connectors.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied and installed maturity meters and all necessary wiring and connectors.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were used.	Conformance	5/17/2021 8:50:08 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied and placed (Ben Changnon) the maturity meters, wiring and connectors.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied maturity meters and all necessary wiring and connectors. I observed the meters being installed.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor provided and installed maturity meters and all related components.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied maturity meters and all necessary wires and connectors. These were installed by Ben Changnon (PC).	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were used.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status	
Central 70	C 0704-241	Bridge Deck	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Concrete strength was achieved prior to form removal.	Conformance	5/17/2021 8:50:08 AM -06:00	C			Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were removed after maturity meters indicate acceptable comprehensive strength had been achieved.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were removed after maturity meter indicated acceptable compressive strength was achieved.	Conformance	2/5/2021 9:39:01 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were removed after concrete was acceptable.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms removed after proper strength achieved.	Conformance	1/18/2021 8:56:25 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were not removed for structure until required minimum strength of concrete has been achieved as set forth by the use of maturity meter.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Compressive strength to be determined by maturity meters.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Forms removed after meter proved strength.	Conformance	1/18/2021 8:56:25 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used.	Conformance	4/27/2021 8:32:56 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used and comprehensive strength was achieved.	Conformance	4/26/2021 3:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Forms were removed after maturity meter indicated acceptable compressive strength was achieved.	Conformance	2/5/2021 9:39:01 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Forms were removed after maturity meters indicate acceptable comprehensive strength had been achieved.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used and cylinders were taken also.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Railroad Grading	Earthwork		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters (Ben Changnon) prior to stripping forms.	Conformance	7/30/2021 8:02:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by using maturity meters in accordance with CP 69.	Conformance	8/5/2021 2:37:16 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters were used.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters were used.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters were used.	Conformance	4/27/2021 8:32:56 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters used.	Conformance	2/5/2021 9:39:01 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Acceptable.	Conformance	1/18/2021 8:56:25 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were used.	Conformance	1/18/2021 8:56:25 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		IQC verified maturity meter data.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were used and forms were removed after concrete strength was achieved.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Forms were not removed until concrete strength was approved.	Conformance	5/17/2021 8:50:08 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were used and forms were removed after IQC approval.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters used.	Conformance	2/5/2021 9:39:01 AM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were installed and used, and the concrete has the required compressive strength.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Forms were removed after acceptable maturity meter results.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		In conformance	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity method was used.	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM -06:00	Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		No metal ties or anchorages were seen. All holes have been field.	Conformance	6/30/2020 1:57:29 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		in conformance	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Anchorage was removed and voids filled.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Ties were removed.	Conformance	2/5/2021 9:39:01 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Metal ties were not visible when forms were removed.	Conformance	5/17/2021 8:50:08 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Anchorage was removed and voids filled.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Metal ties were acceptable.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		No ties were visible after removal.	Conformance	1/18/2021 8:56:25 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Metal ties were acceptable.	Conformance	4/27/2021 8:32:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	2/1/2020 5:38:31 PM - 07:00	Forming materials shall be removed when permanent access is available to portions of structures.		Forms of the inlet risers were not stripped prior to placement of barrier adjacent to inlets. As a result formwork has now been wedged between structures.	See NCR 1979	5/9/2020 12:28:54 PM -06:00	NC-2	NCR 1979 was written to address this issue	Closed
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM - 06:00	Forming materials shall be removed when permanent access is available to portions of structures.		No forming materials were seen.	Conformance	6/30/2020 1:57:29 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		Foam material was used at the expansion joint to segregate the placement from Pour #1. Pour #3 will be placed on Friday, June 5th against the Pour #2 placement from today.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		All construction joints were adequately cleaned before the rebar installation began.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The adjacent construction joint was cleaned appropriately before placement.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joint against the Cover knee wall was free of laitance concrete and foreign materials. Reference knee wall and approach slab depth on plan sheet B050.122.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joints were clean and free of laitance concrete.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The crew poured through the construction joint between P2-14 and P2-15. The construction joint had the appropriate expansion material across the entire surface area.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joints were adequately cleaned. A concrete water stop was placed for the vault lid cold joint. Reference pictures in comment #4.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The contractor adequately cleaned the construction joint at the previous phase of the CBC.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		The construction joint at the next section of the CBC was cleaned of laitance, loose concrete, curing compound, etc. prior to concrete placement.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Construction joints have been adequately cleaned (free of surface laitance, curing compound, and other foreign materials) and loose concrete removed.		All construction joints to the previous phase of the CBC were cleaned and free of deleterious materials and loose concrete.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Construction joints are at approved locations on the plans or placing schedule.		The expansion joint was at the approved location on the plans. Please see the attached picture.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Construction joints are at approved locations on the plans or placing schedule.		The construction joint was in accordance with the plans and shop drawings.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		The construction joints for the diaphragm were in conformance with RFC-000352. Please see attached RFC and concrete placement pictures.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		Spacing was per plan.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Construction joints are at approved locations on the plans or placing schedule.		The joints were approved and verified with the plans.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Construction joints are at approved locations on the plans or placing schedule.		The joints were lined up with the joints in the sidewalk.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM - 06:00	Construction joints are at approved locations on the plans or placing schedule.		CJ's are located every 30'.	Conformance	6/30/2020 1:57:29 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Cover		Construction joints are at approved locations on the plans or placing schedule.		The construction joints are approved through FDC-000370.	Conformance	5/14/2020 1:34:09 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Construction joints are at approved locations on the plans or placing schedule.		The construction joints were placed at the approved locations on the plans. A water stop was used at each joint as well. Please see the attached pictures.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		Concrete was wetted down.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The contractor wet the joint prior to concrete placement and by the time that concrete was placed, the joint was in a SSD condition.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The contractor wet the adjacent hardened concrete surface to a SSD condition.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		The contractor sprayed water onto the construction joint from the previous phase and there was not standing water.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Concrete shall not be placed on frozen ground.		The contractor heated the forms and ground prior to placement of concrete.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen grade.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be placed on frozen ground.		Heaters were used to heat the entire placement to the appropriate temperature before concrete began. Frozen sub-grade was not present.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be placed on frozen ground.		the ground was not froze during the placement	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	11/11/2020 1:33:51 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		All ice was removed from grade and mold prior to slipforming.	Conformance	11/11/2020 1:33:51 PM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		There was no snow or ice present during the placement.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		no snow and ice was present during the placement	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		No ice, snow, or frost was within formwork / placement area.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Before concrete placement, no snow, ice, or frost was within forms.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Before concrete placement, no snow, ice, or frost was present.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		No snow or ice was present within formwork during concrete placement.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		The forms were covered and placement area was heated so no ice or snow was present.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		All ice and frost was removed from forms prior to placement.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		All ice and snow was removed from formwork prior to pour.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Salt shall not be used to thaw ice, snow, or frost.		During my visual inspection, no salt or de-icing materials were present.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Salt shall not be used to thaw ice, snow, or frost.		No salt was needed or used to thaw placement surface. Area was protected by blankets and heated to keep warm prior to placement.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		Concrete placed in accordance with approved placement sequence.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM -06:00	Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with the approved placement plan.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM -06:00	Concrete placed in accordance with the approved placing sequence		Concrete placed per approved placement plan.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	Concrete placed in accordance with the approved placing sequence		The placement was in accordance with the specifications.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete placed in accordance with the approved placing sequence		The concrete was placed in accordance with the placing sequence.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	Concrete placed in accordance with the approved placing sequence		The lobato Superintendent was complaining about how IQC waited until PC got a weight for the concrete before starting their test, saying that it was taking IQC 20 - 30 minutes to perform the test, delaying the operation. there was then a large argument between IQC Tony and Lobato, with Lobato not talking to Tony and going straight to Ox.	Discussions have been made.	7/2/2020 7:59:31 AM -06:00	Audit Comment	20-30 minutes seems like too long for any concrete testing. The process on C-70 is PC tests to ensure the concrete is adjusted prior to acceptance . Lobato will be informed to plan for the quality process to take place.	Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Concrete placed in accordance with the approved placing sequence		The duration and appropriate loading of the forms was adequate.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Concrete placed in accordance with the approved placing sequence		The concrete was placed in accordance with the approved placing plan.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in accordance with the approved placing sequence		it was observed that concrete was deposited into the forms in an approved method.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		it was observed that a concrete pump truck was used and concrete was not dropped from a height of more than 5 feet.	Conformance	3/25/2021 11:09:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Noise Walls	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was placed by pump and was not dropped more than five feet.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Point of discharge was never more than 5 feet above area of impact.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was confined in a pump truck tremie.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		it was observed that the footing was poured using a conveyor belt with a chute attached at the end making it to where concrete was not dropped more than 5'.	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Pump truck was used and concrete was not dropped more than 5 feet.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet from the conveyor.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Pump truck was used and concrete was not dropped more than 5 feet.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete placement was acceptable.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed using a pump and was confined.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was dropped more than five feet but was enclosed in a pipe/tremie.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/5/2020 3:11:12 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The pump truck was used to ensure the concrete was placed as close to the final positions as possible within the 5ft drop.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/3/2020 1:13:00 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than five feet as it was enclosed by a tremie pipe.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was pumped and was enclosed in a pipe.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was chuted out of the truck and was not dropped more than five feet.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete placement was acceptable.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		A tremie tube was utilized to ensure this specification was followed.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The drop was minimized by using the concrete truck chute. The following spec was followed.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		concrete was placed directly from the concrete truck chute at a height less then 5'.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		during the pour the crew member directing the concrete pump chute did a great job making sure to not drop concrete from higher then 5' above the ground.	Conformance	9/30/2020 10:12:25 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Proper placement	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		a tremie pipe and funnel head was used doing the placement until the concrete level was that of where concrete would be dropped from less then a 5' height.	Conformance	10/1/2020 10:39:41 AM -06:00	C		Closed

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Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		REFER TO THE PHOTOS CONCRETE WAS DROPPED LESS THEN 5 FEET.	Conformance	6/25/2020 11:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		see attached pictures, concrete was dropped from no further then shown.	Conformance	7/27/2020 5:30:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		a pump truck was used to pour the lower slab of the building and was not dropped from more then 5' above the ground.	Conformance	7/12/2020 2:43:48 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The tremie pipe was inserted into the forms to ensure the concrete was placed as close as possible to its final location.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		for placement of the concrete it was directed deposited from the chute of the concrete truck at no higher off the ground then 3', which is well below the 5' maximum.	Conformance	11/2/2020 4:13:14 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The pump truck utilized a smaller tremie pipe to account for the space between the rebar. The tremie pipe was able to reach the bottom of the placement to ensure this standard was followed. Please see the attached pictures.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

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Central 70	C 0704-241	Construct MSE Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		concrete was pour at a height of 3.5 feet along the whole pour.	Conformance	6/1/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was dropped under 5 feet throughout whole pour.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		A pumper truck was utilized to ensure the concrete was placed at the appropriate height and location.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM -06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was tailgated.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was dropped less then 5 feet through out the flatwork.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was not dropped more then 5 feet when being poured into the curb and gutter.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped over 5 feet.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was tailgate dumped.	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		concrete pump truck was used for placement, which allowed the concrete to be dropped from no higher then 5 foot.	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		A tremie pipe was used to reach the bottom of the placement to minimize the fall distance to within the specification.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		concrete was poured from the concrete trucks chute and dropped no higher than 5 foot above the ground.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was dropped more than 5 feet but it was confined in a chute.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		The concrete was dropped at a height less than 5 feet for each layer poured.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped out of end of pump tube more than 5 feet.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was being dropped from less than 5'.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed through hoppers and chutes at the beginning of the pour as the fall height was over 5 feet.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not being dropped more than five feet.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		A concrete pump truck was used so concrete fall was minimized.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet. Truck was backed up and placed using back of truck chute.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Closed concrete chutes were used to deposit concrete to the lowest portion of column until concrete depth was brought up and placement was more easily reachable.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		A pump truck was used to ensure the concrete was placed as close to the final position as possible. Please see the attached pictures.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete deposited at or near to its final position and was not vibrated into place.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken during placement to deposit concrete as close to final position as possible.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The concrete pump truck was used during the placement. During my observation this specification was followed.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		concrete was poured in a manner that each section was poured near finish grade before moving to the next section.	Conformance	6/1/2020 7:33:10 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as possible.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as possible using the back of truck chute.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Due to high rebar congestion in the top mat of the cap, the vibrator was used to vibrator the concrete through the steel which was then deposited in the bottom of the formwork.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as close to final position as possible.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed no concrete being moved with vibrators as it was placed near the final position.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		In conformance	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The concrete was deposited near its final location and was not moved using vibrators.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		A pump truck was used to ensure this specification was followed.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		In conformance	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		When placing the concrete it filled every section of the form throughout the pour.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was tailgated.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Reference comment #16	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		the concrete was place in a manner that was equally filled to as close to final position as possible in multiple lifts.	Conformance	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		The tremie pipe was inserted into the forms to ensure the concrete was placed as close as possible to its final location.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		concrete was placed most nearly to finish grade, refer to the pictures	Conformance	6/25/2020 11:38:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		No segregation was witnessed	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as reasonably possible.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		the slab was poured near finished grade for the slab.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		all concrete was placed in the forms as close to final position as possible	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the contractor placing the concrete as near as possible to the final position and not using vibrators to drag the concrete into place.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final positions as possible.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible.	Conformance	11/3/2020 1:13:00 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	11/5/2020 3:11:12 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the contractor placing concrete as near as possible to the final position and did not observe the concrete being dragged into position with vibrators.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed near the final position and was not dragged into place using vibrators.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		it was observed that concrete was deposited in the forms in 18" lifts until they reached near final position.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		I observed the contractor depositing the concrete as close as possible to the final position and not using vibrators to move the concrete.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pump truck was used.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum chutes were used.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		I observed no aluminum materials used in the placing of the concrete.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum parts were used for pumping and placing the concrete.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pump truck was used and concrete placement was acceptable.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The tremie tube was steel.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		From visual inspection, no aluminum materials were present.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		the tremie pipes were fabricated out of a none aluminum metal and the funnel head was fabricated out of plastic.	Conformance	10/1/2020 10:38:40 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum materials were used in the placement of the concrete for the pier cap.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		From visual inspection, the tremie pipe was free of hardened concrete.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All placement devices were clean of hardened concrete.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Chutes were free of hardened concrete.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes were kept clean throughout the pipes and not concrete was hardened.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Truck chutes were clean	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes were kept clean and free from hardened concrete coating.	Conformance	10/8/2020 11:21:40 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		the concrete camlever bucket was free of any hard coated concrete.	Conformance	9/30/2020 10:13:29 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		the concrete tank used to pour the concrete was cleaned free of any hardened concrete before the concrete was placed	Conformance	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		before concrete arrived the crew scraped the concrete chute free of old hardened concrete.	Conformance	7/14/2020 12:16:24 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Chutes were clean prior to placement.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		The pipes was free of hardened concrete.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pump truck was used and chutes were clean.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All tools, chutes, and troughs were clean of hardened concrete.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All equipment was free of debris.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable 18 inch lifts.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete placement was acceptable.	Conformance	6/28/2021 9:23:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete placement was acceptable.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Uniform horizontal layers were placed.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Due to access issues, I was not able to stand at the CBC wall but it appeared that the contractor was not placing in layers more than 18 inches thick.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		18" maximum lifts were used.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete placed in acceptable layers.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in layers less than 18" which were then consolidated with the previous layer using vibrators that penetrated into the previous layer.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Layers of not more than 18" thick were placed.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Due to the placement height, a concrete placement height of 4ft per hour was used to ensure loading the forms was equal and uniform.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers and poured in 18" lifts	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Drainage		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		the concrete pour was approximately 4' in depth and they crew poured the concrete in 4 layers making each layer roughly 12" thick.	Conformance	9/30/2020 10:12:25 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		During my observation, the concrete was placed in lifts in accordance with this spec.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		In conformance	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The concrete was observed to be placed in 18 inch lifts.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The pace of the placement was approximately 4ft per hour to ensure the forms were uniformly loaded and form displacement was minimized. Each layer was adequately consolidated before the next lift was placed.	Conformance	6/4/2020 7:40:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM - 06:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The concrete was placed using 2 equal lifts with a 3rd small lift to ensure the slope from the front to the back was maintained. Reference plan sheet WS204 - Wall Cap.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in 18 inch lifts.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		the concrete was poured in layers that was acceptable from the west to east.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Horizontal lifts were utilized throughout placement. Each layer was placed and consolidated in a timely manner to ensure a construction joint did not form.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in less than 18 inch thick lifts.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		The crew used 3 equal lifts to place the pier cap.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not exceeding the allowable 18 inches thick. Each layer was then consolidated so as to avoid a construction joint between layers of placement.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surfaces were thoroughly worked to have a well finished and smooth surface.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		they used a concrete roller screed to work the surface of the concrete.	Conformance	10/21/2020 7:42:51 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The crew utilized vibrators at the appropriate spacing to ensure an adequate surface finish was attained.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Concrete was properly screed and floated to work coarse aggregate below surface.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The external surface of the concrete was worked with the correct tools with a smooth finish no water or air pockets.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		The external surface was properly worked to get a smooth finish.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Concrete was thoroughly creed and worked with proper tools.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		concrete racks were used to bring mortar to the forms and worked with vibrators for consolidation.	Conformance	11/2/2020 3:48:01 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		No segregation was witnessed	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		concrete was work properly during concrete placement, refer to the pictures	Conformance	6/25/2020 11:38:55 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Girder seats were finished to what appeared to be a level surface.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibrators were acceptable and used properly.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The contractor used suitable mechanical vibrators to consolidate the concrete being placed.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was vibrated.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Approved vibration equipment was used.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Contractor consolidated concrete with approved vibration equipment.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Hand spading was not required to assure proper and adequate consolidation.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was vibrated properly.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly vibrated.	Conformance	11/3/2020 2:29:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was vibrated properly.	Conformance	11/5/2020 3:11:12 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was adequately vibrated.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly vibrated.	Conformance	11/3/2021 1:07:57 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibrators were used to consolidate the concrete.	Conformance	8/31/2021 9:37:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM - 06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The crew used Needle Vibrators for consolidation, also drug vibrator equipment to get a level surface along pipes set for at least 5" of total depth with at least 2" of cover for reinforcements.	Conformance	6/9/2020 11:03:28 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The placement was poured with a grout and pea gravel. No mechanical vibration was required by the manufacturer's recommendations. Please see attached pictures.	Conformance	5/14/2020 1:34:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		needle vibrators were used to consolidate the concrete during the pour	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The mechanical vibrators were used at the appropriate spacing and duration.	Conformance	8/27/2020 2:07:04 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The consolidation was adequate for the placement and in accordance with the following specification.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Mechanical vibrators were used at the appropriate frequency.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Conformance	Conformance	9/23/2020 12:42:36 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		no consolidation issues.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		see attached pictures, needle vibrators were used in the manner they were intended to be used for.	Conformance	7/27/2020 5:30:51 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibration was acceptable	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		portable needle vibrators were used to consolidate the concrete during the pour.	Conformance	7/16/2020 10:38:00 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibrator was used properly during pour.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated by mechanical vibrators. The vibration frequency and depth was adequate.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		pencil vibrators where used during the pour to insure that the concrete was consolidated properly.	Conformance	10/1/2020 10:38:40 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly vibrated in forms.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Mechanical vibrators were used at the appropriate depth and frequency throughout the placement.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		mechanical needle vibrators were used for consolidation during the pour.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		needle vibrators were used properly during the placement of the concrete.	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM -06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Two mechanical vibrators were present. The consolidation around and under the utility blockouts and deck drain pipe blockout was in accordance with the specifications.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Only mechanical vibrators were used during the placement.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated using a suitable and adequate vibrator.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Two mechanical concrete vibrators were used throughout the placement.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		During my observation, the vibrators were used at the adequate frequency for consolidation.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM - 06:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		This requirement was followed during my observation.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means of causing concrete to flow or run into position. Concrete was deposited as close to final position as possible.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Reference comment #24.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Needle vibrators were only used for compaction.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were being used appropriately.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		A pump truck was utilized during the placement. Vibrators were not used to flow or run the concrete.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Needle vibrators were used with the correct technique.	Conformance	6/25/2020 11:38:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		In conformance	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibration was acceptable	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		needle vibrators were used properly in a manner to help consolidate the concrete in-between the reinforcement bars.	Conformance	7/12/2020 2:43:48 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Conformance	Conformance	9/23/2020 12:42:36 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The concrete was placed in the forms at a uniform depth. The vibrators were inserted at equal and consist time intervals. This mitigated the issue of vibrators causing the concrete to flow.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The vibration of the concrete was adequate.	Conformance	6/3/2020 7:41:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Proper vibrating techniques were used during my observation.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position but only as a means for consolidation.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The vibration technique that was utilized was in accordance with this specification.	Conformance	10/27/2020 4:54:53 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Concrete placement was acceptable and vibration equipment was not used to move concrete.	Conformance	9/28/2021 9:50:30 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		The contractor used proper vibration techniques.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were acceptable and used properly.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		it was observed that vibrators were used in a manner to consolidate the concrete around the reinforcement, not to help flow concrete into position.	Conformance	5/5/2021 9:22:20 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No water was being added at the time of inspection.	Conformance	4/24/2020 8:50:43 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		The fogging equipment was appropriate for the operation.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	The Contractor shall provide fogging equipment and keep the concrete surface moist at all times by fogging with an approved atomizing nozzle until the curing material is in place.		IQC Tony and Myself noticed that when fogging the placed concrete that they were sometimes directly spraying the concrete with the fogger. IQC Tony addressed the issue with the foremen and it didn't happen again afterwards.	Field Resolved	6/9/2020 11:03:28 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete mix temperature is between 50 and 90 degrees F		IQC and PC both measured the temperature of the concrete for a minimum of 2 minutes, the temperatures were 78 degrees F, and 77 degrees F.	Conformance	7/16/2020 10:38:00 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete mix temperature is between 50 and 90 degrees F		the concrete temperature was taken during when the concrete was tested by PC and IQC, the temperature was read to be in the low 70's	Conformance	11/3/2020 2:15:54 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		The concrete was tested and was 79 degrees F.	Conformance	5/28/2020 2:26:17 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Concrete mix temperature is between 50 and 90 degrees F		concrete temperature was recorded to be in the low 70's to high 60's when tested before placement.	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete mix temperature is between 50 and 90 degrees F		concrete temperature after arrival and testing was 83 degrees F.	Conformance	7/14/2020 12:14:54 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		The concrete was tested to be within the tolerance during the concrete testing and placement.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix was an acceptable temperature.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete mix temperature is between 50 and 90 degrees F		Concrete was tested by IQC and PC and feel within range.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was within the allowable temperature requirements of 50 and 90 degF.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete mix temperature is between 50 and 90 degrees F		Concrete temperatures between the allowable range of 50 to 90 deg F.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete mix temperature is between 50 and 90 degrees F		All concrete placed was in the required temperature range.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete mix temperature is between 50 and 90 degrees F		The concrete mix temperature is between 50 and 90 degrees.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		The concrete appeared to be placed in a manner that avoided segregation and displacement of reinforcement.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner that avoids segregation and displacement of reinforcement.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed using a conveyor belt and the contractor used methods to avoid segregation and displacement of reinforcement.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		The concrete placement and consolidation were adequate to ensure segregation was minimized.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete placed in a manner which avoids segregation and displacement of reinforcement.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete placed in a manner to best avoid segregation and displacement of any reinforcement.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		Concrete was placed in manner which best avoids segregation and displacement to dowel and tie bar reinforcement.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM - 06:00	Concrete placed in a manner which to avoids segregation and displacement of reinforcement.		No segregation was found after forms were removed.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		The concrete was placed in conformance with the placement sequence to avoid segregation and rebar displacement.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		Concrete segregation was minimized by placing the concrete as close to the final position as possible and using proper consolidation techniques	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		No segregation was witnessed.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM - 06:00	Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		No segregation was seen in the wall.	Conformance	6/30/2020 1:57:29 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		Since a pump truck with a tremie pipe was used. The possibility of reinforcing displacement was minimized.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete placed in a manner which to avoid segregation and displacement of reinforcement.		Concrete was placed to avoid segregation and displacement of reinforcing steel.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All surfaces have been finished properly		for finishing the surface of the moment slab a bull float was used to get a smooth even finish. shortly afterwards when the concrete was still wet an approved curing compound was used to coat the moment slab for curing purposes.	Conformance	11/2/2020 4:13:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		All surfaces have been finished properly		the surfaces of the moment slab was finished properly	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All surfaces have been finished properly		yes it was, refer to the pictures	Conformance	6/25/2020 11:38:55 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All surfaces have been finished properly		Surfaces were properly finished	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All surfaces have been finished properly		The placement was finished with a broom finish in accordance with the specification. Please see attached pictures.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		All surface were finished properly.	Conformance	7/27/2020 1:03:21 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All surfaces have been finished properly		see attached pictures, the surface was finished in a proper manner.	Conformance	7/27/2020 5:30:51 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Drainage		All surfaces have been finished properly		the east 2/3 of the pour was to be finished with a smooth surface see attached photos for verification. the west 1/3 was left with a roughened edge as this portion of the fillet is to be continued upward, also see attached photos for reference.	Conformance	9/30/2020 10:12:25 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		The top of the abutment was finished appropriately.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures	5/14/2020 12:00:00 AM -06:00	All surfaces have been finished properly		Broom finish was applied.	Conformance	5/14/2020 4:38:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Moment Slab	Walls		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		All surfaces have been finished properly		Top was properly finished, sides were rubbed to remove any bug holes after form removal.	Conformance	4/24/2020 8:58:16 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All surfaces have been finished properly		the moment lab was properly finished with a bull float.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/24/2020 4:18:30 PM - 06:00	All surfaces have been finished properly		Surfaces were finished properly.	Conformance	3/24/2020 3:45:56 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All surfaces have been finished properly		Surfaces were finished properly.	Conformance	3/2/2020 9:52:49 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All surfaces have been finished properly		Surfaces of concrete were finished properly.	Conformance	2/27/2020 6:45:07 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		All surfaces have been finished properly		Surfaces were finished correctly	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to pour.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed at contractor expense.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed at contractor expense.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump primed at contractors expense.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed properly.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		A quarter cubic yard of concrete was discharged into the eco-pan before the placement began.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM -06:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump truck primed the pump into an eco-pan before the placement began.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was properly primed prior to placement.	Conformance	7/14/2020 12:10:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump truck was primed in accordance with the specifications.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Drainage		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		before the placement started the pump truck used approximately .5 cubic yards of concrete to prime, the .5 cubic yards were wasted in a concrete clean out pan.	Conformance	9/30/2020 10:12:25 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Acceptable	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed in accordance with this specification.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump truck was primed in accordance with this specification.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to placement.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was properly primed prior to beginning placement.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was properly primed before the placement operation began.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Before the concrete was poured into the forms . They pumped 0.25 cubic yards out to prime the pump and clean out any oils that where inside the pump.	Conformance	5/20/2020 9:34:54 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water added after commencement.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Water shall not be added directly into the concrete pump hopper after placement has commenced.		During the discharge of Truck #3, the mix was relatively stiff. The Aggregate Concrete Truck driver used the concrete truck water hose to aid in the movement of mix from the chute into the pump truck hopper. The truck was then rejected by Jose Sosa. Approximately 2 cyd was discharged. Less than a 0.25 of concrete was affected by the actions of the driver.	Response was acknowledged	12/18/2019 10:26:12 AM -07:00	Audit Comment	Acknowledged. Our PC representatives on the crew did what we have trained them to do. They know water cannot be added directly to the mix. Rejecting the truck was the right thing to do.	Closed
Central 70	C 0704-241	Approach Slabs	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into hopper.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the hopper.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		Pump truck was used and concrete placement was acceptable.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		Continuous stream of concrete was produced.	Conformance	10/7/2021 1:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		The pump operator operated the pump so that a continuous stream of concrete was produced.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Continuous stream on concrete was produced from pump.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete was pumped with a continuous stream.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM -07:00	The pump shall be operated so that a continuous stream of concrete is produced.		Any gap in the placement was due to concrete truck arrival. This was a continuous operation otherwise.	Conformance	11/21/2019 11:14:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		The pump truck was operated in a continuous manner.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated with a continuous stream of concrete.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Acceptable.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	The pump shall be operated so that a continuous stream of concrete is produced.		Concrete was pumped adequately.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Conformance	Conformance	9/23/2020 12:42:36 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Continuous stream of concrete was produced from end of pump.	Conformance	7/14/2020 12:13:41 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from the pump.	Conformance	6/1/2020 11:17:51 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		The pumping operation was smooth and continuous during my observation.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Lines not on epoxy coated rebar.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		The pump truck had a rubber hose.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Lines did not rest on epoxy steel.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Point of discharge was never more than 5 feet above area of impact.	Conformance	2/5/2021 10:49:10 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Pump truck position was acceptable.	Conformance	7/15/2021 1:28:57 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Point of discharge was as close as possible. Pump truck used.	Conformance	6/10/2021 2:37:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		End of pump tube was placed as close as practically possible to abutment.	Conformance	6/16/2020 11:55:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Acceptable.	Conformance	11/11/2020 1:32:38 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Excavating staged lifts in accordance with the plans and approved submittals.		Lifts were being constructed in accordance with the plans.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Excavating staged lifts in accordance with the plans and approved submittals.		Lifts were excavated appropriately.	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavating staged lifts in accordance with the plans and approved submittals.		Excavation was completed in accordance with plans.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Excavating staged lifts in accordance with the plans and approved submittals.		Lifts were done in accordance to plans.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Excavating staged lifts in accordance with the plans and approved submittals.		Lifts were done in accordance to plans.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Providing and installing bearing plates, washers, nuts, couplers, and other required miscellaneous materials.		Bearing plates, washers, and nuts were all provided and installed.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Providing and installing bearing plates, washers, nuts, couplers, and other required miscellaneous materials.		Bearing plates, washers, and nuts were all provided and installed.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Providing and installing bearing plates, washers, nuts, couplers, and other required miscellaneous materials.		Bearing plate, washers, and nuts were installed.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Concrete shall be Class D, conforming to the requirements of Section 601.		Concrete was class D. IQC and PC achieved passing tests on mix.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Reinforcing Steel shall conform to the requirements of Section 602.		Waler bars and W4 mat were in accordance with 602.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Reinforcing Steel shall conform to the requirements of Section 602.		Waler bars and W4 mat were in conformance with Section 602.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Reinforcing Steel shall conform to the requirements of Section 602.		Waler bars and W4 mat were in conformance with Section 602.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall conform to the requirements of Section 641.		Shotcrete mix was submitted, approved, and tested by IQC.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall conform to the requirements of Section 641.		Shotcrete mix was submitted, approved, and tested by IQC.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall conform to the requirements of Section 641.		Shotcrete mix was submitted and approved by IQC	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite strip drains shall comply with Section 712.12.		Strips drains used were approved by IQC. Lapping was also performed appropriately.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite strip drains shall comply with Section 712.12.		Geocomposite strip drains were used and approved by IQC. Lapping was performed correctly.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite strip drains shall comply with Section 712.12.		Geocomposite strip drains were used and approved by IQC. Lapping was performed correctly.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Soil nail bars were epoxy coated and in conformance.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Soil nail bars were epoxy coated and in conformance.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Epoxy coated bars were in conformance. COC's were submitted to BNSF for approval/records.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bar conformed to specifications.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation is well documented and within conformance of the specification, and is per plan.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Schedule 40 PVC was used as centralizers.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Schedule 40 PVC was used as centralizers.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Schedule 40 PVC was used as centralizers.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Securely attached to meet requirements	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers are securely attached to the soil nail bar prior to installation.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to soil nail bar.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers brought bar to center of drill hole within tolerances.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers are sized to best center the soil nail within 1 inch of the center of the drilled hole.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Adequately sized centralizers to allow for grout tube insertion along full length of drilled hole.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Centralizers allowed grout tube to insert full length of hole.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Size allows grout to freely flow up the drill hole.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil Nail Grout. The minimum compressive strength for grout should be 1,500 pounds per square inch (psi) at 3 days, and 3,000 psi at 28 days, as tested in accordance with ASTM C109. If sand is used in the grout mixture, it shall meet the requirements of subsection 703.02.		Quikcrete (sack crete) is being used to meet this requirement.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		If grout is mixed on site, all materials shall be weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength. Neat cement grout cubes shall be molded and tested on the grout used in production soil nails and the adjacent test soil nail.		Grout is mixed on site, and the water/cementitious ratio is documented, as well as grout cubes made to demonstrate quality control.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Protection and Cleanup. During work operations, the Contractor shall take such precautions as may be necessary to prevent shotcrete overspray, drill cuttings, equipment exhaust, oil, wash water, and other materials from defacing or damaging private and public property including adjacent landscaping in accordance with subsections 107.12 and 107.25.		Contractor taking precautions to provide protection and cleanup of operations of soil nail wall activities.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Protection and Cleanup. During work operations, the Contractor shall take such precautions as may be necessary to prevent shotcrete overspray, drill cuttings, equipment exhaust, oil, wash water, and other materials from defacing or damaging private and public property including adjacent landscaping in accordance with subsections 107.12 and 107.25.		All construction was completed in a manner to protect private and public property from damage.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Protection and Cleanup. During work operations, the Contractor shall take such precautions as may be necessary to prevent shotcrete overspray, drill cuttings, equipment exhaust, oil, wash water, and other materials from defacing or damaging private and public property including adjacent landscaping in accordance with subsections 107.12 and 107.25.		No overspray was witnessed	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Protection and Cleanup. During work operations, the Contractor shall take such precautions as may be necessary to prevent shotcrete overspray, drill cuttings, equipment exhaust, oil, wash water, and other materials from defacing or damaging private and public property including adjacent landscaping in accordance with subsections 107.12 and 107.25.		Contractor cleaned up job site after each daily operation. No overspray was witnessed during operation.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Protection and Cleanup. During work operations, the Contractor shall take such precautions as may be necessary to prevent shotcrete overspray, drill cuttings, equipment exhaust, oil, wash water, and other materials from defacing or damaging private and public property including adjacent landscaping in accordance with subsections 107.12 and 107.25.		Contractor cleaned up job site after each daily operation. No overspray was witnessed during operation.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The contractor shall furnish all equipment as necessary to handle waste water and material from operations, and clean up all waste resulting from the operations.		Necessary equipment was on site at all times.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Bars were properly stored.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars are stored on dunnage and handled in a manner to avoid damage of any type.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		They were properly handled and stored.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars were properly stored and handled.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars were properly stored and handled.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		Excavation performed was only associated for soil nail wall construction.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		Excavation performed was only associated for soil nail wall construction.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		Excavation was not being performed within the "no zone" as identified in the plans.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		No other excavation was performed in the area during soil nail operations.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The height of the exposed unsupported final excavation face cut shall not exceed the vertical soil nail spacing plus the required reinforcing lap or the short-term stand-up height of the ground, whichever is less.		Height of exposed face was conformed to plans and submittals.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The height of the exposed unsupported final excavation face cut shall not exceed the vertical soil nail spacing plus the required reinforcing lap or the short-term stand-up height of the ground, whichever is less.		Excavation was completed in proper heights.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The height of the exposed unsupported final excavation face cut shall not exceed the vertical soil nail spacing plus the required reinforcing lap or the short-term stand-up height of the ground, whichever is less.		Excavation was done in proper sequence, with acceptable exposed vertical heights.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The height of the exposed unsupported final excavation face cut shall not exceed the vertical soil nail spacing plus the required reinforcing lap or the short-term stand-up height of the ground, whichever is less.		The exposed final face of each lift was the proper height.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The height of the exposed unsupported final excavation face cut shall not exceed the vertical soil nail spacing plus the required reinforcing lap or the short-term stand-up height of the ground, whichever is less.		This was being met.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Each lift excavation shall be completed to the final wall excavation line and shotcrete applied in the same work shift, unless otherwise approved by the Engineer. Application of the shotcrete may be delayed up to 24 hours if the Contractor can demonstrate that the delay will not adversely affect the excavation face stability.		Lifts were excavated and shotcrete applied within proper timeframes.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Each lift excavation shall be completed to the final wall excavation line and shotcrete applied in the same work shift, unless otherwise approved by the Engineer. Application of the shotcrete may be delayed up to 24 hours if the Contractor can demonstrate that the delay will not adversely affect the excavation face stability.		Final excavation of wall and shotcrete were completed within a timely manner.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Each lift excavation shall be completed to the final wall excavation line and shotcrete applied in the same work shift, unless otherwise approved by the Engineer. Application of the shotcrete may be delayed up to 24 hours if the Contractor can demonstrate that the delay will not adversely affect the excavation face stability.		Final lift excavation and shotcrete were performed within 24 hours.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall modify excavation procedures and soil nail wall installation procedures to prevent the loss of material from the excavation face or from behind the previously installed shotcrete lift (chimneying). This may require adjustments to the sequencing between excavation, soil nail drilling and shotcreting to shorten the time the excavation lift is unsupported, drilling and installing the soil nails through temporary berms prior to final excavation and/or installing the initial shotcrete prior to drilling the soil nails. All voids that develop behind the shotcrete shall be filled with grout at no additional cost to the Department.		Wall was excavated in alternating sections after the third lift to prevent loss of material from the face of the wall.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall modify excavation procedures and soil nail wall installation procedures to prevent the loss of material from the excavation face or from behind the previously installed shotcrete lift (chimneying). This may require adjustments to the sequencing between excavation, soil nail drilling and shotcreting to shorten the time the excavation lift is unsupported, drilling and installing the soil nails through temporary berms prior to final excavation and/or installing the initial shotcrete prior to drilling the soil nails. All voids that develop behind the shotcrete shall be filled with grout at no additional cost to the Department.		After meeting, wall excavation was modified and successfully implemented.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavation of the next-lower lift shall not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing have been completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete shall have achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.		Excavation of next lift did not occur until current lift was completed.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavation of the next-lower lift shall not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing have been completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete shall have achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.		Excavation of next lift did not occur until current lift was completed.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Excavation of the next-lower lift shall not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing have been completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete shall have achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.		All work on lowest lift was completed prior to excavation of the next lift.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Excavation of the next-lower lift shall not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing have been completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete shall have achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.		Excavation did not proceed to the next lower-lift until soil nail installation, shotcrete placement, and all soil nail testing was completed and accepted, within minimum compressive strength having been reached.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Nails were being installed according to plan.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nails were installed per plan.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nail were installed per plans.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were being drilled according to plan.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes drilled for soil nail wall at locations set forth in plans, and installed at proper elevations, orientations, and with adequate minimum lengths, as denoted on plans.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled according to plans.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled per plan.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM -07:00	Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes drilled for soil nail wall at locations set forth in plans, and installed at proper elevations, orientations, and with adequate minimum lengths, as denoted on plans.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled at proper locations.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM -07:00	Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilled equipment and methods are sufficient and suitable for the ground conditions, and conform to methods submitted.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilled equipment and methods are sufficient and suitable for the ground conditions, and conform to methods submitted.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		No issues with drilling equipment. Rocksol was onsite to witness drilling.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		There were no issues with the drilling equipment.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		there were no issues with the drilling equipment.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Drilling muds or other fluids shall not be used to removed cuttings.		No fluids or muds were used in cutting removals.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Drilling muds or other fluids shall not be used to removed cuttings.		No fluids were used to remove cuttings.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be as shown on the plans.		Bars were installed according to plans.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be as shown on the plans.		Soil nail bars are as shown on the plans.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be as shown on the plans.		Bars were installed per plan.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be as shown on the plans.		Bars were set as planned.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Soil nail bars shall be as shown on the plans.		Bars were as shown on plans.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Provide centralizers per Section 504.03 (e).		Centralizers provided per specifications.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM - 07:00	Provide centralizers per Section 504.03 (e).		Centralizers installed as set forth within specifications.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Holes were grouted within 2 hours of drilling.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Drill hole was grouted within acceptable timeframes.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Drill hole was grouted within 2 hours of drilling.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Hole was drilled and grouted within timely manner.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		Hoels were grouted within 2 hours of drilling.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		grout was installed within the 2 hour time frame after drilling was complete, refer to pictures.	Conformance	6/26/2020 8:44:45 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected at lowest point of hole.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout tube was being used.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected at lowest point of hole.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected at lowest point of drill hole.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected to bottom of hole with grout tubes.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected through tube to lowest point of drill hole.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected through the grout tube.	Conformance	5/25/2021 2:59:06 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		Grout was injected through the grout tube.	Conformance	11/9/2020 4:40:20 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The outlet end of the grout tube or casing shall be kept below the surface of the grout as the conduit is withdrawn to prevent the creation of voids.		Outlet end was kept below surface for entire grouting sequence.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Grout was filled in 1 operation.	Conformance	4/13/2020 1:14:04 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Drill hole was grouted in a continuous operation.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Drill hole was filled in 1 continuous operation.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Grouting was completed in 1 continuous operation.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		Grouting was filled in 1 operation.	Conformance	5/19/2020 2:34:58 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Strip drains were being installed according to plans.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Strip drains were installed per plans.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Strip drains were installed according to plans and specifications.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Geocomposite strips drains were installed and are atleast 12 inches wide.	Conformance	1/28/2020 4:00:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM -07:00	Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Geocomposite strips drains were installed and are atleast 12 inches wide.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM -07:00	Initial Shotcrete Facing. The initial shotcrete facing shall be installed in accordance with Section 641. Membrane curing compound shall not be used. Maturity meters shall be used to monitor all shotcrete in accordance with subsection 641.05.		Initial shotcrete facing was installed adequately and per specification. Maturity meters were installed to monitor all shotcrete.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Shotcrete Facing. The initial shotcrete facing shall be installed in accordance with Section 641. Membrane curing compound shall not be used. Maturity meters shall be used to monitor all shotcrete in accordance with subsection 641.05.		Shotcrete facing was installed per plan.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Shotcrete Facing. The initial shotcrete facing shall be installed in accordance with Section 641. Membrane curing compound shall not be used. Maturity meters shall be used to monitor all shotcrete in accordance with subsection 641.05.		Shotcrete facing was installed properly.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Face finish was in conformance with specifications.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Shotcrete was applied with gun, and left with an undisturbed finish.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM - 07:00	Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Initial face finish was applied from wood float/ rough finish, as shown on the plans.	Conformance	1/28/2020 4:00:35 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Shotcrete finish is appropriate. Wall panels to be used as aesthetics.	Conformance	6/3/2020 12:15:20 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	2/1/2020 5:41:28 PM - 07:00	Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and teh shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		Audit comment being generated to document that IQC documentation denotes that the bearing plates, washers, and nuts were to be installed on another day, and not while the initial shotcrete facing was still plastic and before initial set. Is this sufficient?	Noted	2/13/2020 1:38:51 PM -07:00	Audit Comment	If the Bearing plate isn't installed in the shotcrete during the plastic state. The plate will be installed using the grout method.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and the shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		All hardware observed was attached and installed according to plans and specifications.	Conformance	3/24/2020 8:01:56 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and the shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		Plate, washer, and nut were installed prior to final set of shotcrete.	Conformance	5/11/2020 10:50:35 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and the shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		Hardware was installed while shotcrete was plastic.	Conformance	5/11/2020 10:55:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Horizontal location of welded wire mesh, reinforcing bars, and headed studs measured horizontally from wall face 3/8 in.		Mesh extended into cap per plan and is tied to the cap steel.	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms and Falsework. Forms and Falsework shall conform to subsections 601.09 and 601.11 respectively.		Formwork is performing appropriately.	Conformance	5/14/2020 4:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM - 07:00	Slopes are free of debris, roots, heavy clay, hard clods, brush and stones larger than six inches prior to placement of topsoil.		Slopes did not contain debris, roots, or heavy clay.	Conformance	1/24/2020 4:41:01 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM - 07:00	Topsoil shall not be over compacted.		Topsoil was not overcompacted.	Conformance	1/24/2020 4:41:01 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM - 07:00	Topsoil shall be placed at final grade allowing for adequate drainage. Grades/Slopes are within conformance and tolerances.		Topsoil was placed at final grade.	Conformance	1/24/2020 4:41:01 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM - 07:00	Topsoil shall be placed at locations and to the thickness provided in the Contract and shall be keyed and tracked to the underlying material without creating a compacted surface by the use of harrows, bulldozers, rollers, or other equipment suitable for the purpose.		Equipment was tracked over top to underlying material without creating a compacted surface.	Conformance	1/24/2020 4:41:01 PM -07:00	C		Closed
Central 70	C 0704-241	Strip/Place Topsoil	Earthwork	1/27/2020 7:27:32 AM - 07:00	After placement of topsoil, all BMP's were in place to ensure slope stability.		BMP have not been placed as of 23 Jan.	Geofabric has been placed and final surface large cobble	2/6/2020 1:17:38 PM -07:00	Audit Comment	Acknowledged. Notified Environmental team	Closed
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:02:23 PM - 07:00	Local utility company has been contacted to ensure installation in in compliance with local standards and specifications.		inspector on-site to review installation. Punch list items remain, but completed worked has been approved by DWD.	Conformance	1/2/2020 9:39:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities	1/6/2020 4:02:23 PM - 07:00	***When Applicable see PA Schedule 10A.10.4.08 Denver Water Engineering Standards including Materials Specifications and Standard Drawings***		Original outage schedule deadline of 11/17. On 11/14 (1 business day before deadline) KMP requested an extension to 12/1. DWD approved 12/1. Actual completion was 12/6.	1875	2/18/2020 4:36:34 PM -07:00	NC-2	NCR 1875 was written to address this issue	Closed
Central 70	C 0704-241	Subgrade	Earthwork		Top 6" of the existing subgrade shall be reconditioned by blading and rolling.		Subgrade was bladed and rolled	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		Sufficient water was added	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Sufficient water shall be added to meet density requirements.		IQC confirmed density/moisture tests were passing.	Conformance	5/10/2021 2:58:38 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Where asphalt surfacing materials to be placed directly on the subgrade, the subgrade plane shall not vary more than 0.04 foot.		See Below.	Field Resolved	7/16/2020 3:28:41 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Surface was properly maintained with minimum to no traffic on surface prior to base placement.	Conformance	10/2/2020 2:50:51 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Surface satisfactorily maintained until base course has been placed.		Area was properly maintained until base course was placed.	Conformance	2/8/2021 2:09:24 PM -07:00	C		Closed
Central 70	C 0704-241	BNSF	Railroads	5/20/2020 2:31:05 PM - 06:00	Water applied for moisture and density control, as dust palliative, and for prewetting shall be free from injurious matter.		Water was free off injurious matter. It was filled from Denver water hydrant.	Conformance	5/20/2020 9:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Full width of course to be sprayed for finishing operations.		Full width of course was sprayed	Conformance	7/20/2020 8:16:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Materials for the base course shall be ABC Class 6, meeting the gradation requirements and have a resistance value of at least 78 when tested by the Hveem Stabilometer method.		Base course was placed and compacted, and after operation, the test results from the sieve analysis came back with nonconforming results. IQC Grading decided that the best course was to resample and retest the failing base. After QCAT Assessor discussed with CDOT Management, a new decision was made to remove and replace the failing base. Expedited NCR 311 and 314 were written for this.	Field Resolved	8/21/2020 4:30:01 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Base	Earthwork		ABC Class 6 consisting of mixture of reclaimed asphalt and other aggregates, the maximum density shall be determine in accordance with AASHTO T-180, Method A. Field moisture determination for correction to dry density shall be determined by oven or microwave drying, as nuclear guage method is not permitted.		IQC approved material and testing area	Conformance	10/5/2020 6:46:24 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Acceptance based upon random samples taken from each lift.		An acceptance sample was taken from the area based.	Conformance	11/19/2020 2:15:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		6" of base was placed and compacted in 1 lift.	Conformance	12/1/2020 12:23:26 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Compacted depth of ABC did not exceed 6" and was constructed in one lift.	Conformance	4/5/2021 10:30:28 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		6" compacted lifts were placed.	Conformance	2/3/2021 8:09:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		6" compacted lifts were placed.	Conformance	7/30/2021 3:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		A 6" lift of base course was placed.	Conformance	6/11/2021 12:32:37 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		thickness did not exceed 6"	Conformance	10/5/2020 6:46:24 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		ABC placed did not exceed 6" in thickness when compacted.	Conformance	5/10/2021 2:55:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Maximum lift thickness was 6".	Conformance	10/1/2020 10:37:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" lifts were placed.	Conformance	11/23/2020 3:50:47 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Base course was placed in a 6" lift.	Conformance	9/16/2020 11:12:12 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Thickness did not exceed 6"	Conformance	10/5/2020 6:46:24 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" of base was placed.	Conformance	12/10/2020 2:28:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Base was compacted to meet a 6" layer	Conformance	5/6/2020 12:00:32 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" compacted lift was placed.	Conformance	6/28/2021 7:57:01 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" compacted lift was placed.	Conformance	6/28/2021 1:57:18 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" lifts were placed.	Conformance	4/27/2021 8:30:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" lifts were placed and compacted.	Conformance	6/19/2021 11:19:29 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" of compacted base was placed.	Conformance	11/19/2020 2:15:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		Base was placed in appropriate lifts and compacted to achieve passing tests	Conformance	2/11/2021 1:41:42 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		Vibratory compaction equipment was used.	Conformance	12/10/2020 2:28:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		Vibratory equipment was used to compact base, and 6" lifts were placed.	Conformance	11/23/2020 3:50:47 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		No sign that aggregates were not homogeneous.	Conformance	5/6/2020 12:00:32 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed properly in base course.	Conformance	2/3/2021 8:09:21 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed homogeneously offsite.	Conformance	4/27/2021 8:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed thoroughly.	Conformance	6/11/2021 12:32:37 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		At least 95% compaction was achieved. PC and IQC tested area.	Conformance	6/11/2021 12:32:37 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of at least 95% Maximum density was achieved. PC/IQC tested areas.	Conformance	7/30/2021 3:46:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		95% compaction was achieved. PC and IQC tested base course.	Conformance	6/28/2021 7:57:01 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction was achieved.	Conformance	4/27/2021 8:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Base course was compacted to at least 95% of maximum density.	Conformance	6/28/2021 1:57:18 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of 95% was achieved.	Conformance	4/27/2021 8:30:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of at least 95% was achieved. IQC and PC tested base course.	Conformance	6/19/2021 11:19:29 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of 95% max density was achieved.	Conformance	2/3/2021 8:09:21 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		95% compaction was achieved and tested by PC/IQC.	Conformance	11/19/2020 2:15:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		95% compaction was achieved.	Conformance	11/23/2020 3:50:47 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of the base was continued until 95% maximum density was met.	Conformance	9/16/2020 11:12:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		At least 95% of maximum density was achieved during rolling operation.	Conformance	10/1/2020 10:37:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		ABC density test passed.	Conformance	5/10/2021 2:55:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture test taken did not exceed 2% of optimum moisture	Conformance	5/10/2021 2:55:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content was kept within acceptable limits.	Conformance	10/1/2020 10:37:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		PC/IQC were on site verifying compliance.	Conformance	5/6/2020 12:00:32 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Base was compacted within 2% of OMC.	Conformance	12/1/2020 12:23:26 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Moisture content was within acceptable limits.	Conformance	6/19/2021 11:19:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Compaction was achieved within 2% of OMC.	Conformance	4/27/2021 8:30:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Compaction was completed within 2% of OMC.	Conformance	6/28/2021 1:57:18 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Compaction was achieved within range for OMC.	Conformance	6/28/2021 7:57:01 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Compaction was achieved within 2% of OMC.	Conformance	7/30/2021 3:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed at stockpile yard.	Conformance	4/27/2021 8:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly.	Conformance	10/1/2020 10:37:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed during compaction, and moisture was maintained after compaction until paving operations began.	Conformance	9/16/2020 11:12:12 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each reclaimed asphalt pavement aggregate layer shall continue until a wet density of atleast 95% of the maximum wet density when determined with a one point AASHTO T 180, Method D test has been achieved.		95% compaction was achieved.	Conformance	12/1/2020 12:23:26 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Base course may have been tested with a 10 foot straightedge, however in the NW corner of the grade, a deviation was observed. When stringlined, the base elevation varied 2" over approximately 5'. This was not identified during IQC straightedge inspection.	Field Resolved	11/23/2020 4:35:33 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was smooth.	Conformance	2/11/2021 1:41:42 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was straightedged and any deviations were corrected prior to paving.	Conformance	11/19/2020 2:15:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface course was tested with a 10 foot straightedge.	Conformance	2/3/2021 8:09:21 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface of ABC was witnessed being tested with a 10' straightedge by PC.	Conformance	4/5/2021 10:30:28 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was tested with a 10 foot straightedge.	Conformance	4/27/2021 8:30:49 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was tested with 10 foot straightedge.	Conformance	4/27/2021 8:29:23 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface of base course was tested with a 10 foot straightedge.	Conformance	7/30/2021 3:46:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was tested with a 10 foot straightedge.	Conformanc e	6/11/2021 12:32:37 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		ABC was tested by IQC with a 10' straightedge and approved.	Conformanc e	5/10/2021 2:55:19 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Surface was tested by IQC with a 10 foot straightedge.	Conformanc e	12/10/2020 2:28:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		No variations of over 1/4" were observed.	Conformanc e	12/10/2020 2:28:15 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		IQC approved area for asphalt placement.	Conformanc e	10/5/2020 6:46:24 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		Surface was straightedged, no deviations greater than 1/4" were observed.	Conformanc e	11/23/2020 3:50:47 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		No points were found out of compliance.	Conformanc e	5/6/2020 12:00:32 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		No variations greater than 1/4" were observed.	Conformanc e	6/19/2021 11:19:29 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o fsurface from testing edge of straightedge between any two points of contact not to exceed 1/4".		Area paved was straightedged and passed.	Conformanc e	2/11/2021 1:41:42 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Variation of surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		Deviation in NW Corner was not identified during the IQC straightedge operation, and after being identified by QCATs, Jon Green discussed leaving as is, and paving with a variable thickness to meet mat smoothness for bottom lift of RBL. After discussion between PC, IQC, and QCATs, the decision was made to regrade the area to meet straightedge requirement.	Field Resolved	11/23/2020 4:35:33 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	BMPs	Environmental	12/16/2019 4:14:56 PM -07:00	Dust palliative applied on portions of roadway and on haul roads at locations and in amounts specified in contract.		No water was applied in the median west of the bridge deck pour, causing dust to be out of control during the pour. IQC inspector Alex Chapman notified Kiewit (Ryan Booth) but no action was taken until much later.	Issue addressed with NC #1819.	12/17/2019 12:07:39 PM -07:00	NC-2	Refer to NC #1819	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	2/25/2020 7:15:49 AM -07:00	This work consists of the installation and furnishing of delineators and reflectors in accordance with these specifications and in conformity with the lines, grades and details shown on the plans or established.		Delineators and reflectors were installed on barrier on both sides of traffic, however, cleanliness and reflectivity should be addressed to be in a satisfactory condition and effectively work.	Reflector cleanliness monitored and addressed as needed to comply with PA.	4/7/2020 3:31:18 PM -06:00	Audit Comment	Reflectors are cleaned jobwide as needed	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		Spacing, location, color of reflectors and placement of delineator posts shall be as shown on the plans.		The delineators installed on the nose of attenuators at the following locations did not have the correct size delineator installed on the nose (Installed: 12" wide; Correct Size: 24" wide). This was brought up in a field resolution email and has been addressed. Email has been attached.	Field Resolved	11/12/2020 2:04:43 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were placed correctly.	Conformance	4/13/2020 1:25:51 PM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	1/8/2020 7:52:04 PM -07:00	(b) Barrier reflector strips shall be installed on all temporary barrier, both right and left sides, as per the CDOT Standard S-612-1. The spacing between each three foot panel shall be no more than seven feet;		Reflector strips were not installed on the left hand barrier run.	See NCR 1909	1/30/2020 5:43:13 AM -07:00	NC-2	NCR 1909 Created	Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Graded and compacted	Conformance	10/1/2020 10:41:16 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Graded and compacted	Conformance	10/1/2020 10:43:55 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Installed per plans	Conformance	10/1/2020 10:43:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		conformance	Conformance	1/21/2021 12:46:19 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway	7/28/2020 8:59:22 AM - 06:00	This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		The truncate domes in the NE and NW corners of Josephine are not installed to plan. The dome in the NE corner is depressed and holds water. The dome in the NW corner is depressed and the PCO disrupts the flow line along the curb.	2168 written	9/9/2020 2:35:18 PM -06:00	NC-2	NCR 2168 was written to address this issue	Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		Before pouring the curb and gutter IQC noticed that the flow line would not match with existing, Del Walker and Kevin Smith came out and change the slope from 1.5% to 1% to match up with the existing flow line.	Field Resolved	7/10/2020 2:47:52 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		All observed curb and gutter followed specs called out on RD-121 and CCD STD DWG 5.2	Conformance	2/5/2021 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		The types of curb are designated as follows:		The type of curb poured was shown on the plans.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		The types of curb are designated as follows:		The type of curb that was poured was shown on plans.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		The types of curb are designated as follows:		The curb type was the correct curb shown on plan.	Conformance	6/15/2020 5:11:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		The types of curb are designated as follows:		The type of the curb poured was shown on the plans.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Reinforcing Steel 709.01		Steel matched plans/RFC.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Graded and compacted properly?		Grade was compacted and smooth	Conformance	8/25/2020 9:31:07 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Graded and compacted properly?		Graded and compacted	Conformance	10/1/2020 10:43:55 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Graded and compacted properly?		Curb and gutter location was fine-graded and compacted adequately.	Conformance	3/11/2020 10:56:57 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Graded and compacted properly?		Graded and compacted	Conformance	10/1/2020 10:41:16 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Graded and compacted properly?		Subgrade was graded and compacted properly. IQC and PC achieved passing density tests on subgrade.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(b) Soft spots indentified and corrected?		No soft spots were identified.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Soft spots indentified and corrected?		no soft spots were identified	Conformance	1/21/2021 12:46:19 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(c) Cross-slope, elevation, and alignment correct?		Graded and compacted	Conformance	10/1/2020 10:41:16 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(c) Cross-slope, elevation, and alignment correct?		Cross slopes and alignment of formwork were verified with IQC and CCD.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(c) Cross-slope, elevation, and alignment correct?		Graded and compacted	Conformance	10/1/2020 10:43:55 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(d) Ground conditions suitable?		Ground conditions were suitable, compacted, and not frozen ground.	Conformance	3/11/2020 10:56:58 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(d) Ground conditions suitable?		Ground conditions were suitable for concrete placement.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(d) Ground conditions suitable?		Graded and compacted	Conformance	10/1/2020 10:41:16 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Ground conditions suitable?		conformance	Conformance	1/21/2021 12:46:19 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Excavation. Excavation and bedding shall conform to the requirements of subsection 608.03 (a).		Curb was placed on prepared sub-grade. It appeared to be compacted and stable.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Excavation. Excavation and bedding shall conform to the requirements of subsection 608.03 (a).		Completed and compacted as necessary.	Conformance	10/1/2020 10:43:05 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Contractor used both wood and metal forms.	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		The contractor used wood and metal forms to the full depth of the concrete.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were constructed with unwarped wood and steel section. No deflection was observed in forms during placement.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were braced and adequate for the pour.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were metal and wood throughout the whole curb and gutter.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		All form were wood throughout the slope paving operation.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Metal forms were used	Conformance	1/21/2021 12:46:19 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Slope Paving	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were straight and free from warp.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were sufficient.	Conformance	8/25/2020 9:31:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		All forms were wood or metal and free of any visible warping. All forms were extended the entire depth and were braced properly	Conformance	2/5/2021 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Straight and rigid forms were used.	Conformance	12/1/2020 12:25:57 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Straight metal forms were used.	Conformance	7/23/2021 3:05:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were straight metal forms and braced properly to prevent distortion during pour.	Conformance	8/31/2021 8:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Set to proper line and elevation?		all elevations matched the plans	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(a) Set to proper line and elevation?		The forms were all set to the proper line of elevation before pouring concrete.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Set to proper line and elevation?		Curb and gutter was set to the proper line and elevation.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Set to proper line and elevation?		The curb and gutter was set to the correct line and elevation.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Set to proper line and elevation?		the curb was set to the right line and elevation.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Set to proper line and elevation?		Grade appeared to be set to proper line and elevation prior to placement.	Conformance	3/11/2020 10:56:58 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(a) Set to proper line and elevation?		Proper line and elevation set	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Set per grade stakes?		all forms were set according to the grad stakes	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		(d) Correct dimensions?		Several sections were found where the forms were the Subgrade was high resulting in the depth of the curb was short short by 0.5-1". This was brought up to IQC and the issue was addressed. IQC has had on going issues with Jalisco on this item.	Field Resolved	8/25/2020 9:31:07 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		The dimensions were correct throughout the forms.	Conformance	6/15/2020 5:11:05 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		The curb and gutter had correct dimensions throughout the curb and gutter.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		The curb was set to the correct dimensions.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		Curb and gutter had the correct dimensions.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(d) Correct dimensions?		The forms of the slope paving had the correct dimensions.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(d) Correct dimensions?		Dimensions were correct	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		The dimensions were correct we measured approximately every 20 feet. At the end of the pour we checked the depth and got 6".	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(d) Correct dimensions?		Depth and widths of curb and gutter, as well as slopes were verified on formwork with IQC and CCD.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		Confirmed that dimensions matched the CCD STD DWG 5.2 called out in the plans	Conformance	2/5/2021 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Observed that forms had been oiled prior to start of pour	Conformance	2/5/2021 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Lightly oiled for concrete release?		Form oil was used on forms prior to concrete placement.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(e) Lightly oiled for concrete release?		Forms were oiled	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Form were lightly oiled for the concrete release.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Form were lightly oiled for the concrete release.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		The forms were lightly oiled for the concrete release.	Conformance	6/15/2020 5:11:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Forms were lightly oiled for the concrete release.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Lightly oiled for concrete release?		Forms were oiled.	Conformance	8/25/2020 9:31:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Correctly set for inlet sections, handicap ramps and driveways?		all forms were set properly for the ADA ramp sections. no inlets or driveways were in the section inspected.	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(f) Correctly set for inlet sections, handicap ramps and driveways?		Set correctly	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(f) Correctly set for inlet sections, handicap ramps and driveways?		ADA ramp, as well as adjacent inlet, were formed to correct slopes.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(g) Correctly set to handle all drainage per plan typical section?		No drainage issues have been noted	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		(b) Correctly placed?		Placed correctly	Conformance	10/1/2020 10:34:11 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Correctly placed?		The curb was correctly placed throughout the pour.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was in sections of 10 feet with 1/8 joints.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		All curb was in sections of 10 feet with a 1/8 inch wide joint.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		All curb was constructed in sections of 10 feet with joints of 1/8 inch wide.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was placed at proper sections. Joints will line up with PCCP.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Joints for this slope protection matched the plans and specs. 10'	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		The curb had joints every 10 feet throughout the curb length.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Joints were constructed in concrete at a maximum of 10 feet.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Joints were cut at appropriate lengths.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curbs were jointed every 10 feet.	Conformance	12/1/2020 12:25:57 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was jointed at 10 foot intervals.	Conformance	7/23/2021 3:05:50 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Expansion joints. Expansion joints shall be formed at the intervals shown on the plans using 1/2 inch preformed expansion joint filler. When the curb is constructed adjacent to or on concrete pavement, expansion joints shall be located opposite the expansion joints in the pavement.		Approved expansion joint material was placed in correct locations, including inlets and at intervals specified in CCD standards.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Expansion joints shall be installed between concrete curb and any fixed structure or bridge. Expansion joint material shall extend the full depth of contact surface.		Expansion joints extended the full depth	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Expansion joints shall be installed between concrete curb and any fixed structure or bridge. Expansion joint material shall extend the full depth of contact surface.		Expansion joints were installed for each inlet structure in the C&G paved as seen in the picture	Conformance	2/5/2021 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Expansion material the correct type and placed where required?		The expansion material was the correct type.	Conformance	6/15/2020 5:11:05 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(b) Expansion material the correct type and placed where required?		Expansion was placed between the concrete gutter and slope protection	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(d) Types and locations match joints in adjacent concrete?		Joints in the concrete gutter matched the slope protection.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Slope Paving	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Fiber was added to mix in lieu of WW mesh per plan. PC/IQC was on site to test and approve mix.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Conformance	Conformance	8/25/2020 9:31:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		No consolidation issues were witnessed.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete was mixed and placed in accordance with 601 specification.	Conformance	12/1/2020 12:25:57 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete was mixed and placed in accordance with specifications.	Conformance	7/23/2021 3:05:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete was mixed, tested, and placed in accordance with specifications.	Conformance	8/31/2021 8:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Approved mix design?		prior to placement IQC verified that the correct mix design was used	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Approved mix design?		Mix design was approved through Aconex.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Approved mix design?		Approved mix was used.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		PC and/or IQC achieved passing unit weight and air content tests on mix.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(b) Test requirements met?		IQC and PC tested concrete, both tests met minimum and maximum range for air content. IQC performed a slump test with results within acceptable range.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		Concrete was tested by IQC and PC they had passing results.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		both PC and IQC's test results were within the standards.	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/15/2020 5:11:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(b) Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(e) Finish accomplished without use of water?		When finishing the pour there was no water used.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		There was no water used throughout the pour.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		When finished there was no water sprayed on the concrete.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		No water was witnessed during finishing	Conformance	1/20/2021 6:16:18 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		There was no water added when finishing the pour.	Conformance	6/15/2020 5:11:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		This inspector witnessed PC add additional water to the concrete mix (via remixing in the concrete truck). This was discussed with IQC (J. Green via text message) and PC (Devon). Devon rejected the truck prior to discharge into the forms.	Field Resolved	7/1/2020 5:01:03 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Finish accomplished without use of water?		Spoke with IQC since the Jalisco crew was blessing the concrete with water from a curing can. The crew did not have an atomizer tip to create a fog. IQC has had on going issues with Jalisco on blessing the concrete and continually has to remind them.	Field Resolved	8/25/2020 9:31:07 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Finish accomplished without use of water?		Water was not used to finish concrete. Finishing aid was used minimally to finish concrete.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		(g) Cold weather protection necessary?		Tarps were used to cover concrete and insulate work from night temperatures.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curb was sprayed evenly with curing compound upon finishing of concrete.	Conformance	11/27/2019 9:26:35 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing compound was applied after curb was finished.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		After the concrete was poured the concrete was moistened and cured with the membrane forming curing compounded.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing compound applied	Conformance	8/25/2020 9:31:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing began immediately after finishing	Conformance	1/21/2021 12:46:19 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Cure was applied immediately after finishing.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curb and gutter was moistened and kept moist for three days after completion.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing began immediately after finishing	Conformance	1/20/2021 6:16:18 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curb and gutter was cured with a membrane curing compound.	Conformance	8/31/2021 8:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing compound was applied directly after finishing.	Conformance	7/23/2021 3:05:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Cure was applied immediately after finishing.	Conformance	12/1/2020 12:25:57 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Cast-in-Place Concrete Curb. All required hand finishing shall be performed in conformance with subsection 610.12(a).		Hand finishing was in conformance.	Conformance	7/1/2020 5:01:03 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Cast-in-Place Concrete Curb. All required hand finishing shall be performed in conformance with subsection 610.12(a).		all hand finishing was in conformance with section 610.12 (a)	Conformance	11/3/2020 1:26:28 PM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		clear cure compound was used.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		After the concrete was finished being poured it was cured with the correct curing compound.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The curing compound was approved by the engineer at the appropriate time and rate.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The correct curing compound was used at the right tie and rate.	Conformance	6/18/2020 6:17:48 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The correct curing compound was used at the right time and rate.	Conformance	6/18/2020 6:19:40 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The curing compound was approved by the engineer.	Conformance	6/15/2020 5:11:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The correct curing compound was used at the correct time and rate.	Conformance	6/15/2020 5:11:34 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		(f) Curing compound approved by Engineer, an approved type, applied at appropriate time and rate?		The curing compound was approved by the engineer with the appropriate time and rate.	Conformance	6/22/2020 8:57:19 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Electronic controls set per grade line?		Controls were set per grade line.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Pan constructed to spill or catch per typical section?		Pan was constructed as catch, per plans.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Pan constructed to spill or catch per typical section?		The curb and gutter was built per plan.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Pan constructed to spill or catch per typical section?		All curb was catch throughout the curb section.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Extruded sections meet plan typical?		The extruded sections met the plan throughout the curb and gutter.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Extruded sections meet plan typical?		The extruded was built per plan.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Extruded sections meet plan typical?		Extruded section met typical curb section.	Conformance	2/27/2020 6:47:20 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Surface Tolerance. The Engineer may determine that the exposed surfaces of the concrete curb, gutters, or combination curb and gutter shall be tested with a 10 foot straightedge laid along the exposed surfaces in a longitudinal direction. The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surfaces shall be measured in a longitudinal direction. Deviation of any exposed surfaces in excess of that specified shall be corrected at the Contractor's expense.		After the concrete was done being poured and it was test by a 10 foot straightedge laid along the exposed surface in a longitudinal direction.	Conformance	6/10/2020 7:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Surface Tolerance. The Engineer may determine that the exposed surfaces of the concrete curb, gutters, or combination curb and gutter shall be tested with a 10 foot straightedge laid along the exposed surfaces in a longitudinal direction. The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surfaces shall be measured in a longitudinal direction. Deviation of any exposed surfaces in excess of that specified shall be corrected at the Contractor's expense.		All curb and gutter was tested with a 10 foot straightedge laid along side the curb and gutter longitudinal direction.	Conformance	6/10/2020 7:22:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		The dimensions of the placement matched the lines and grades on the plans.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		This work consists of the construction of bituminous or concrete sidewalks, bikeways, and curb ramps in accordance with these specifications and in conformity with the lines and grades shown on the plans or established.		main concern with the sidewalk on the flared ends at Filmore was to be in accordance with ADA standards, these standards were met.	Conformance	7/14/2020 8:39:09 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Concrete was approved B/D/P Mix design.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Class B concrete used and verified with the batch ticket.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Class BD concrete mix design 945662MF was used for the sidewalk.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Concrete and bituminous mixes will be subject to inspection and tests as required to assure compliance with quality requirements.		the first three trucks were tested by PC with the first truck being tested by IQC. then a random every 50 yards for PC.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation and surface preparation were in conformance with specifications.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Slope Paving	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was in conformance.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Conformance	Conformance	1/21/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was made to grade and width necessary for sidewalk construction.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Area for driveways were excavated and embanked according to the 203 specification. Class 6 material was placed according to CCD Specifications.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Subgrade was graded and compacted. IQC achieved a passing density test on subgrade.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Conformance	Conformance	1/21/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Subgrade graded and compacted properly?		IQC was onsite to inspect pour prior to concrete. Compaction was inspected via probe rod.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Subgrade graded and compacted properly	Conformance	3/15/2021 1:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Soft spots identified and corrected?		No soft spots were identified	Conformance	1/21/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Soft spots identified and corrected?		No soft spots were identified.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		Cross slope and alignment of sidewalk was verified by field superintendent and IQC.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		The cross-slope, elevation and the alignment meet the correct requirement. We measured with a 4 foot smart level and it came out to 1.3% the minimum is 1.5% with a 2.0% max but its allowed with the ADA compliance.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		Conformance	Conformance	1/21/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		conformance	Conformance	1/21/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Ground conditions suitable?		The sidewalk was placed on a bridge deck.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable for concrete placement.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions good. Not frozen, not soft spots seen, and not deformation	Conformance	3/15/2021 1:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Both metal and wood forms used, extended the full depth of the concrete and braced properly so no warping	Conformance	3/15/2021 1:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		All forms were full depth of concrete, straight /unwarped, and made of metal and wood	Conformance	3/12/2021 1:17:37 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Metal forms were used.	Conformance	5/25/2021 2:57:28 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		wood forms were used. there was no deformations of the forms during or after the pour.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Straight metal and wood forms were used.	Conformance	4/5/2021 10:35:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Full depth wooden forms were used and were free of warping and braced properly	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Wood and metal forms were used. Wood was not warped, and metal forms were in working condition. Adequate bracing was used to prevent forms from bowing or shifting under concrete placement.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		The contractor used wood forms to the full depth of the concrete.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Metal and wood forms were used. Forms were straight and braced properly.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		The forms were wood and not warped. The form bracing was adequate to ensure there was no form displacement during the placement and the dimensions were maintained.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were made from either unwarped suitable wood, or metal.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Forms were set to proper line and elevation.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		The forms were set to the proper line and elevation before concrete was poured.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Set to proper line and elevation?		Form were set to the proper line and elevation before concrete was poured.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Set to proper line and elevation?		The sidewalk was set to the proper elevation.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Forms were set per grade stakes and survey.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		The dimensions were all correct through out the flatwork. Measured approximately every 20 feet the width was 5 feet. At the end of the pour the depth was 6".	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Correct dimensions?		The sidewalk had correct dimensions throughout the pour.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Forms were correct dimensions.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Correct dimensions?		prior to the pour all dimensions were checked by IQC and verified by myself to match with what was shown on the plans.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Forms were oiled for release.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Lightly oiled for concrete release?		Form were lightly oiled for the concrete release.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Lightly oiled for concrete release?		Forms were lightly oiled before concrete was poured.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		The forms were lightly oiled for the concrete released.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Forms were oiled prior to placement.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		The inlets sections were set correctly also the handicap ramps and driveways were set correctly.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set to handle all drainage per plan typical section?		Sidewalk was sloped to prevent water from pooling on surface.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Is the reinforcing correctly placed if required?		All of the rebar was in accordance with the plans and epoxy coated.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Is the reinforcing correctly placed if required?		all reinforcements matched the plans and were in the correct locations with correct spacings.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		All forms were moistened before concrete was poured into forms.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		subgrade material was moistened by crew prior to concrete.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Concrete and surface were prepared and placed in conformance with specifications.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Subgrade was moistened prior to placement. Concrete was mixed and placed in accordance with mix design.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Approved mix design?		Mix design used was approved by IQC.	Conformance	4/5/2021 10:35:19 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		Concrete passed PC and IQC testing procedures.	Conformance	4/5/2021 10:35:19 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		PC and IQC tested concrete, both tests were within acceptable range for air content. IQC also casted test cylinders.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		Concrete was tested by IQC and PC and feel within range.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		IQC and PC achieved passing tests on the concrete mix. PC cast cylinders to determine strength.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		after PC's test failed on air %, 2 ounces of air was added, bringing the air % to 5.4% for PC's test and IQC acceptance test.	Conformance	7/14/2020 8:39:09 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Test requirements met?		IQC and PC met the correct test requirements.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		IQC and PC met the correct test requirements.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Properly consolidated?		Vibrator was used to consolidate concrete.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Properly consolidated?		needle vibrators were used during the placement to consolidate the concrete.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		a magnesium bull float was used for finishing the concrete. shortly after a broom was used to give the sidewalk its broom finish.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Surface was finished properly.	Conformance	4/5/2021 10:35:19 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		A float was used and concrete received a broom finish.	Conformance	5/25/2021 2:57:28 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Contractor used a wooden float and hand finishing according to 601.12	Conformance	3/12/2021 1:17:37 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was given a proper finish.	Conformance	2/27/2020 6:45:41 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The concrete surface was finished with the correct finishing tools.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was floated with wood and then magnesium floats, and a transverse broom finish was applied to surface.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The sidewalk was floated with a magnesium float and was give a transverse broom finish in accordance with this specification.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Floating and broom finish was in conformance.	Conformance	10/5/2020 7:02:46 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was properly finished.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Proper finishes were applied to surface.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		Edges were tooled with appropriate radius tool.	Conformance	7/27/2021 3:02:41 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		everywhere that required a 1/4" edge was performed and done correctly during the finishing process.	Conformance	7/14/2020 8:39:09 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges of the concrete were edged with a 1/4 inch radius edging tool.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All edges and joints were edged with tool.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		The outside edges were edged with the correct edging tool.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		the correct radius edging tool was used for all joints that were marked out at 5', along with all edges of the sidewalk.	Conformance	1/14/2021 9:55:07 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Finish accomplished without use of water?		There was no water sprayed on the concrete throughout the pour.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Finish accomplished without use of water?		There was no water added when finishing the pour.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finish accomplished without use of water?		There was no water added to finish the concrete.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Acceptable finish was achieved.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Edged where required?		The appropriate edging was provided.	Conformance	5/26/2020 1:58:12 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		The joints were set every 250 feet with a 1/2 thick depth.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Joints weren't placed over 500 feet with a 1/2 inch depth of the concrete.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Joints were placed every 250 with a 1/2 inch depth.	Conformance	6/18/2020 6:19:07 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Joints were placed at 5' intervals.	Conformance	2/11/2021 3:38:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints were installed in accordance with CCD standards. Dummy joints were also tooled into concrete in accordance with CCD standards.	Conformance	11/27/2019 9:26:08 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints were placed every 100 feet throughout length of the sidewalk. The tooled joints were placed every 5 feet with a jointing tool.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints were placed at proper intervals.	Conformance	4/5/2021 10:35:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Curing. Immediately upon completion of the finishing, sidewalks and bikeways shall be moistened and kept moist for three days, or they shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Section of sidewalk was sprayed with curing compound immediately upon completion of the pour	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, sidewalks and bikeways shall be moistened and kept moist for three days, or they shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Curing compound was sprayed on immediately upon finishing the pour	Conformance	3/12/2021 1:17:37 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, sidewalks and bikeways shall be moistened and kept moist for three days, or they shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		After pouring and hand finishing the sidewalk. Curing compound was used along with the membrane cover.	Conformance	4/13/2020 6:43:04 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		During the curing period all traffic, both pedestrian and vehicular, shall be excluded. Vehicular traffic shall be excluded for such additional time as the Engineer may direct.		All work was protected at the end of the day from Clayton bridge towards CCD building	Conformance	3/12/2021 1:17:37 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		During the curing period all traffic, both pedestrian and vehicular, shall be excluded. Vehicular traffic shall be excluded for such additional time as the Engineer may direct.		All traffic kept off of the concrete during curing period	Conformance	3/15/2021 1:21:25 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		During the curing period all traffic, both pedestrian and vehicular, shall be excluded. Vehicular traffic shall be excluded for such additional time as the Engineer may direct.		Traffic was not permitted during curing.	Conformance	5/25/2021 2:57:28 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		During the curing period all traffic, both pedestrian and vehicular, shall be excluded. Vehicular traffic shall be excluded for such additional time as the Engineer may direct.		All traffic, pedestrian/otherwise, was prevented from using this section of sidewalk during curing process	Conformance	2/26/2021 12:57:16 PM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing compound an approved type, applied at appropriate time and rate?		The curing compound was the approved type and applied a the correct time and rate.	Conformance	6/15/2020 5:12:05 PM -06:00	C		Closed

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Central 70	C 0704-241	Flatwork	Roadway		Curing compound an approved type, applied at appropriate time and rate?		The curing compound was the correct type and applied at the appropriate time and rate.	Conformance	1/20/2021 6:17:08 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM -06:00	This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		The shotcrete was applied to the 1st lift from Clayton Bridge along the East Bookend and the Fillmore to Fire Protected room wall cap (Sta 22+00 to Sta 23+00).	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		Work consisted of applying shotcrete at designated location for wall cap portion of 302-W2 (East of Monroe).	Conformance	3/2/2020 9:56:07 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM -07:00	This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		Thorcon has been installing a nail to ensure the clear cover is shot to 2in over the last bar. The placement of the nail will depend on the total depth of the bay and not from the last bar. Most of the shotcrete placed at the cover abutment 3 will be a minimum required depth of 8 inches. I talked to Alex Chapman (Kiewit IQC) about the concern.	Noted	2/13/2020 1:40:11 PM -07:00	Audit Comment	This is a means and methods for Thorcon. Inspection to meet the requirements is being conducted by their process control and witnessed by IQC on site. If the clear cover required is not met and witnessed during inspection, a non-conformance will need to be issued.	Closed

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Central 70	C 0704-241	Shotcrete	Walls		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		concrete was applied pneumatically to the correct thickness	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		The shotcrete mix design is approved by IQC.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		The concrete mix design is an IQC approved mix.	Conformance	12/30/2020 12:27:10 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM -07:00	Design mix approved or prepackaged material on Approved Products List?		The mix design was verified with the mix design in Aconex. Reference the attachment in Comment #1 for the batch tickets.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete proportioning and placement shall comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).		The shotcrete proportioning and placement comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).	Conformance	12/30/2020 12:27:10 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in the mix design and by visual appearance is 1/2 inch.	Conformance	12/30/2020 12:27:10 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in the shotcrete is 1/2".	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Submittals. The following documents and shop drawings shall be submitted in accordance with subsection 105.02. Shotcrete shall not be placed on the project before the submittals have been reviewed and approved by the Engineer.		Required submittals have been reviewed and approved by the Engineer and IQC for use in the field.	Conformance	3/2/2020 9:56:07 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		IQC confirmed that they approved the mix design that conformed to the requirements of subsection 601.05.	Conformance	6/3/2020 7:42:04 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		The shotcrete mix design meeting the requirements of subsection 601.05 has been submitted and approved by IQC.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		The shotcrete design being used meets the requirements of subsection 601.05 and has been submitted and approved by IQC.	Conformance	12/30/2020 12:27:10 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Shotcrete Application Statement shall also include written documentation that verifies the qualifications of the nozzlemen that will be performing the work. All nozzlemen shall have had at least one year of experience in the application of shotcrete and hold a current certification for ACI Shotcrete Nozzleman for the methods and orientations to be used.		The application statement includes written documentation that verifies the qualification of the nozzleman that was performing the work. I also asked to see the nozzleman's certification card and he provided it.	Conformance	12/30/2020 12:27:10 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		The shotcrete did not slump excessively.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	3/2/2020 9:56:07 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Shotcrete not slumping excessively?		As shotcrete was placed, some sloughing did occur. The nozzle man revisited these spots to fill these areas once the previous lift set up enough to hold the additional weight.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Shotcrete not slumping excessively?		The shotcrete was not visually slumping during or after placement.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		The shotcrete thickness was applied to the thickness in the plans. Since additional shafts were included in the East Bookend and Fillmore Wall Cap. The interior panel width between shafts is $W < 6"$. The unreinforced shotcrete depth would be 6". (Plan Sheet WS208).	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Thorcon placed nails in the columns to ensure the minimum clear cover was attained.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		before shotcrete was applied they staked with a nail at least 7" of cover, which is what Table 2 - SHOTCRETE LAGGING DATA called for on plan sheet WS208A. after the shotcrete was applied, it did reach the 7" mark.	Conformance	6/3/2020 7:42:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		the rebar had a slight bow out to it, where they placed the depth nails were going to produce a cover of less then the minimum. after notifying the foreman after they shot the wall they went and covered the areas in concern with a thicker layer, see pictures.	Field Resolved	6/26/2020 8:44:45 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		The shotcrete was applied at the locations and the thicknesses show on the plans.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Concrete was applied at the proper locations and to the proper minimum thickness	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The shotcrete applied consisted of a dense and uniform mixture without rebound, inclusions, segregation or discernable weakness of bond.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		during the operation there was no excess rebound, along with no segregation or weakness of the bond.	Conformance	6/26/2020 8:44:45 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		Shotcrete had little to now rebound. did not show any signs of segregation, of weakness of the bond.	Conformance	6/3/2020 7:42:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		During the application, the mix was uniform throughout placement and free of any discernable weakness.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The mix was uniform and was free of rebound, inclusions and segregation.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		The soil cuts were not done to the proper depth from center line of the drilled shaft. The shotcrete should be 3" deep on each side of the center line of each shaft. From pictures, the shotcrete was placed to the appropriate depth but not to the appropriate location on the radius of the drilled shaft. Reference detail "Interior Panel (W<6") on plan sheet WS208. Please reference pictures.	This is addressed in RFC 398	4/20/2020 11:46:58 AM -06:00	Audit Comment	A design change through WSP to change the 3 inch minimum. The drilled shaft orientation doesn't allow the 3' minimum. Discussions have taken place with WSP.	Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		Reference comment #1. Abutment #3 bays #9 to #52 were shot. Bays #9 to #67 were ready at time of placement.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The crew used stay-form to support the soil. This minimized the sloughing of the soil which made it easier to maintain a consistent depth of shotcrete. Any areas that exceeded the plan depth were shot with shotcrete. This issue was resolved in a previous NCR disposition.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		All holes and pits were filled to allow for the proper depth to be shot and minimal excess shotcrete to be applied.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	A light application of water may be used to clean the surface of all dry soil or rock surfaces prior to application of the shotcrete.		No water was used while cleaning the concrete surfaces before application.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		None of the shotcrete surfaces were frozen before the application.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		All surfaces were unfrozen.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		The shotcrete was not applied to a frozen surface.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was no applied to frozen surfaces	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		An air compressor was used to remove all loose material.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		The loose dirt was removed with wire brushes before the application.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		all loose materials were clean away from where the shotcrete was being placed, the conditions were not dry so no wetting of the surface was needed.	Conformance	6/26/2020 8:44:45 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		There was only one bay that included rebar in the placement areas All of the other areas had no reinforcement steel so rebound was minimized.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		The rebound was removed from the placement area and disguard. Since this was the last lift of shotcrete, the drainage board extends past the bottom lift and will terminate behind the wall panel. The left over concrete on the drainage board extension was removed before it could harden.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Weep holes and the drainage system shall be installed as shown on the plans.		The drainage board was installed to manufacturer recommendations.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Weep holes and the drainage system shall be installed as shown on the plans.		The width between the drilled shafts was small so no drain board was installed.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Geocomposite Strip Drain material was used as per plan.	Conformance	6/3/2020 7:42:04 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		There was only one layer of shotcrete that was applied for the first lift. No curing compound was used.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		See attached email chain for contractors means and methods regarding placement of multiple layers of shotcrete, and ensuring that the necessary concrete cover on the front face of wall cap is being achieved.	Field Resolved.	3/2/2020 11:00:17 AM -07:00	Audit Comment		Closed

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Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		No segregation or honeycombing was observed. As mentioned in Comment #5, the planned back face of the wall was not met. So the shotcrete placement did not create the curve around the side radius as the detail shows. Further observation will take place to ensure delamination does not take place.	This is addressed in RFC 398	4/20/2020 11:47:19 AM -06:00	Audit Comment	A design change is being submitted to change the 3' minimum. Phil and WSP are in discussions to release a FDC for the field conditions.	Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		No segregation, honeycombing, delamination, or excessive cracking was observed	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete applied does not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	3/9/2021 1:19:44 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Installed concrete blankets were used during the during process.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The minimum curing period shall be seven days.		Concrete was allowed to cure for at least 7 days	Conformance	7/23/2021 3:07:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	The minimum curing period shall be from the time the shotcrete has been placed until the concrete has met a compressive strength of 80 percent of the required field compressive strength. The Contractor shall develop a maturity relationship for the shotcrete mix design in accordance with CP 69. The Contractor shall provide the maturity meter and all necessary thermocouples, thermometers, wires and connectors. The Contractor shall be responsible for the placement, protection and maintenance of the maturity meters and associated equipment. Locations where the maturity meters are placed shall be protected in the same manner as the rest of the shotcrete. The Contractor shall install the thermocouples at locations designated by the Engineer. The Contractor shall monitor the temperature at intervals acceptable to the Engineer. If the maturity meter malfunctions the minimum curing period shall be seven days.		A maturity meter was present in the placement. Readings were done daily to see when the curing blankets maybe removed.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	When the ambient temperature is expected to fall below 35 °F during the curing period the Contractor shall maintain the shotcrete internal temperature above 50 °F during the curing period. The Contractor shall monitor the internal shotcrete temperature by the use of maturity meters or high/low thermocouples. Maturity meter probes or thermocouples shall be located 2 feet from the edge of the final portion of the concrete placed for the day and be located at mid-depth of the layer.		Weather was expected in the following day. Heaters were observed to be onsite.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls	3/30/2020 5:01:21 PM - 06:00	Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.		Test Panels were done.	Conformance	3/28/2020 9:12:01 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls	1/2/2020 9:47:42 AM - 07:00	Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.		A test panel was shot. Only 30 cyds was placed.	Conformance	1/2/2020 9:41:42 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		This work consists of furnishing and placing bearing devices in accordance with these specifications and in conformity with the plan details.		The bearing devices were furnished and placed in accordance with the specifications and in conformity with the plan details.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		This work consists of furnishing and placing bearing devices in accordance with these specifications and in conformity with the plan details.		The contractor furnished and placed the disc bearing devices in accordance with specifications and plan details.	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Elastomeric bearing pads shall include plain bearings and laminated bearings. Plain bearings are unreinforced pads, consisting of elastomer only, and laminated bearings are reinforced with steel laminates. The elastomer compound shall be classified as being of low temperature grade 3, 4, or 5. The grades are defined by the testing requirements of subsection 705.06, Tables 705-1 and 705-2. A higher grade of elastomer may be substituted for a lower grade. Elastomer grade, AASHTO Design method (A or B), elastomer shear modulus and elastomer hardness shall be shown in the contract documents. The sheer modulus shall be within 15 percent of the specified value.		The bearings at pier 4 phase 6 are both type II for back and ahead and have steel laminate reinforcing. These are grade 3 elastomer.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Material requirements for elastomeric bearing pads, sheet lead, polytetrafluorethylene (PTFE) sheets, stainless steel sheets and adhesive material shall conform to the requirements of subsection 705.06.		The bearing pads supplied by the contractor meet the material requirements for elastomeric bearing pads.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		All metal surfaces of Type III Bearing Devices shall be completely zinc metallized in accordance with AWS C2.2 to a thickness of 8 mils, except the surfaces covered with PTFE and surfaces with stainless steel. The internal pot cavity and bottom surface of the piston for Type III bearings shall be zinc metallized to a thickness of 3 mils and polished to 125 microinches after zinc metallizing.		All surfaces were manufactured according to the contract documents and specifications.	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All metal surfaces of Type III Bearing Devices shall be completely zinc metallized in accordance with AWS C2.2 to a thickness of 8 mils, except the surfaces covered with PTFE and surfaces with stainless steel. The internal pot cavity and bottom surface of the piston for Type III bearings shall be zinc metallized to a thickness of 3 mils and polished to 125 microinches after zinc metallizing.		All surfaces required to be metallized were done so according to the specifications of AWS C2.2.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Pads 3/4 inch or less in thickness may be either laminated or plain. Pads over 3/4 inch in thickness shall be laminated.		The bearing pads are laminated.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Laminated pads shall be individually molded and shall consist of alternate laminations of elastomer and metal laminates.		The laminated bearing pads are manufactured according to the specifications of Section 512 and consist of alternate laminations of elastomer and metal laminates.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Type III Bearing Device. The manufacturer of Type III bearings shall be preapproved and listed in the Contract.		The type III bearing devices were manufactured by a preapproved manufacturer listed in the contract.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Type III Bearing Device. The manufacturer of Type III bearings shall be preapproved and listed in the Contract.		The manufacturer of the type III bearing devices was preapproved and listed in the contract.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Type III Bearing Devices are designed as Pot type or Disc type. Bearing devices shall be fabricated as fixed, guided expansion, or non-guided expansion bearings as designated in the Contract.		The type III bearing devices were designed as disc type and were fabricated as fixed, guided expansion and non-guided expansion types as designated in the contract.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Type III Bearing Devices are designed as Pot type or Disc type. Bearing devices shall be fabricated as fixed, guided expansion, or non-guided expansion bearings as designated in the Contract.		The Type III bearing devices used are of the disc type and are fabricated as fixed, guided expansion (unidirectional) and non-guided expansion (omnidirectional) types as designated in the Contract.	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Type III Bearing Devices are designed as Pot type or Disc type. Bearing devices shall be fabricated as fixed, guided expansion, or non-guided expansion bearings as designated in the Contract.		The type III bearing devices were designed as disc type. They were fabricated as fixed, guided expansion and non-guided expansion types as designated in the contract and on the plans.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Bearings shall satisfactorily provide for thermal expansion and contraction, rotation, camber changes, and creep and shrinkage of the structural members they support. Bearings shall be designed and fabricated so that they can be readily inspected and easily removed and replaced during the service life of the bridge.		The bearings were designed to satisfactorily provide for thermal expansion and contraction, rotation, camber changes, creep and shrinkage of the structural members they support. Bearings were designed and fabricated so they can be readily inspected and easily removed and replaced during the service life of the bridge.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Bearings shall satisfactorily provide for thermal expansion and contraction, rotation, camber changes, and creep and shrinkage of the structural members they support. Bearings shall be designed and fabricated so that they can be readily inspected and easily removed and replaced during the service life of the bridge.		<div>Bearings satisfactorily provide for thermal expansion and contraction, rotation, camber changes, creep and shrinkage of the structural members they support. Bearing were designed and fabricated so they can be readily removed and replaced during the service life of the bridge.</div>	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Bearings shall satisfactorily provide for thermal expansion and contraction, rotation, camber changes, and creep and shrinkage of the structural members they support. Bearings shall be designed and fabricated so that they can be readily inspected and easily removed and replaced during the service life of the bridge.		The bearings were designed to provide for thermal expansion and contraction, rotation, camber changes, creep and shrinkage of the structural members supported. The bearings were also designed to be readily inspected and easily removed and replaced during the service life of the bridge.	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		This shall include provisions to allow removal and replacement of all components of the bearing device, excluding sole plates, by lifting the superstructure no more than 1/4 inch.		This included provisions to allow removal and replacement of all components of the bearing device by lifting the superstructure no more than 1/4".	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		This shall include provisions to allow removal and replacement of all components of the bearing device, excluding sole plates, by lifting the superstructure no more than 1/4 inch.		The bearings can be removed and replaced, excluding sole plates, by lifting the superstructure no more than 1/4".	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		This shall include provisions to allow removal and replacement of all components of the bearing device, excluding sole plates, by lifting the superstructure no more than 1/4 inch.		Replacement of all components of the bearing device can be accomplished by lifting the superstructure no more than 1/4".	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Disc Bearings. The bearing shall consist of the system outlined in CDOT Standard Specification Section 512.05 (e).		Disc bearings consist of the system outlined in CDOT Standard Specification Section 512.05 (e).	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Disc Bearings. The bearing shall consist of the system outlined in CDOT Standard Specification Section 512.05 (e).		The disc bearings consist of the system outlined in CDOT Standard Specifications Section 512.05 (e).	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		The bearings shall be completely factory-produced assemblies and shall include all directly connected or welded anchorage hardware. The bearings shall adequately provide for the amount of movement due to temperature changes, post tensioning offsets, or girder rotation as shown on the plans.		The bearings are completely factory-produced assemblies and include all directly connected or welded anchorage hardware. The bearings adequately provide for the amount of movement due to temperature changes, and girder rotation as shown on the plans.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		The concrete on which the bearings are to be placed shall be free of honeycomb.		The concrete on which the bearings were set was free on honeycomb.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The concrete on which the bearings are to be placed shall be free of honeycomb.		The concrete on which the bearings are placed was free of honeycomb.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete on which the bearings are to be placed shall be free of honeycomb.		The concrete on which the bearings were placed was free of honeycomb.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete bearing contact surface shall be finished to a level plane with a flatness tolerance of 1/16 inch for bearing seats up to 30 inches, 3/32 inch for bearing seats over 30 inches and under 45 inches, and 1/8 inch for bearing seats over 45 inches as measured using a straight edge placed in any direction across the area.		The concrete bearing contact surface is 34" wide (sheet B020.158) and met the 3/32 inch flatness tolerance.	Conformance	3/15/2021 8:17:28 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete bearing contact surface shall be finished to a level plane with a flatness tolerance of 1/16 inch for bearing seats up to 30 inches, 3/32 inch for bearing seats over 30 inches and under 45 inches, and 1/8 inch for bearing seats over 45 inches as measured using a straight edge placed in any direction across the area.		I observed the contractor grinding the bearing surfaces and all were within the tolerances specified for the size of the bearing seats.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Type II and Type III Bearing Devices shall not be disassembled during installation unless otherwise permitted. The Contractor shall protect all bearings from contamination and damage due to paint overspray or when placing concrete or other materials.		The type III devices were not disassembled.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Type II and Type III Bearing Devices shall not be disassembled during installation unless otherwise permitted. The Contractor shall protect all bearings from contamination and damage due to paint overspray or when placing concrete or other materials.		The type III bearing assemblies were not disassembled during installation.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		The Contractor shall submit shop drawings, design calculations and load data for review of Type III Bearing Devices as specified in subsection 105.02. The shop drawings shall include installation procedures and address storage, handling, disassembly, placement, alignment, offsets, protection during welding to steel girders, protection during painting of structure, and removal of banding or retaining clamps.		The shop drawings, including design calcs, load data, installation procedures, storage, handling, placement, alignment, offsets, protection, and removal of banding/clamps, were submitted and approved.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall submit shop drawings, design calculations and load data for review of Type III Bearing Devices as specified in subsection 105.02. The shop drawings shall include installation procedures and address storage, handling, disassembly, placement, alignment, offsets, protection during welding to steel girders, protection during painting of structure, and removal of banding or retaining clamps.		The shop drawings were submitted and included all of the necessary items- design calcs, load data, installation procedures, storage, handling, offsets, and removal of banding/retainers.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Type of bearing device designated by plans?		The type III bearings set were the type designated in the plans.	Conformance	6/30/2020 1:19:09 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Shop drawings approved?		The shop drawings were approved.	Conformance	6/30/2020 1:17:19 PM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The entire deck and the sides of the curbs for a height of 2 inches above the plan thickness of the hot mix asphalt shall be free of all foreign material such as dirt, grease, old pavement and primer.		it was observed that after blasting the deck and cleaning it off prior to waterproofing going down that the deck was free of all foreign materials.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The entire deck and the sides of the curbs for a height of 2 inches above the plan thickness of the hot mix asphalt shall be free of all foreign material such as dirt, grease, old pavement and primer.		Deck was clear of debris.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		All decks shall be sandblasted or shot blasted.		Deck was shot blasted prior to application.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Waterproofing	Structures		All decks shall be sandblasted or shot blasted.		after grinding of high spots the approach slabs were sandblasted.	Conformance	1/7/2021 7:38:48 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		All decks shall be sandblasted or shot blasted.		it was observed that shot blasting was used on the deck.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		All decks shall be sandblasted or shot blasted.		I observed the contractor sandblasting the deck span to the required profile.	Conformance	8/31/2021 8:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		All decks shall be sandblasted or shot blasted.		All the deck surface was sandblasted.	Conformance	9/16/2020 8:07:45 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		All decks shall be sandblasted or shot blasted.		I observed the subcontractor shot blast the deck surface.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		Prior to the application of the primer, the subcontractor removed all dust and loose material.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		The subcontractor blew off any dust and loose materials and mopped the surface, which was allowed to dry.	Conformance	9/16/2020 8:07:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		I observed the contractor placing the waterproofing every day of the operation and observed the workers blowing off all dust and material, and mopping the deck with water to remove any deleterious materials.	Conformance	9/8/2020 9:29:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		I observed the contractor removing all dust and loose material by sweeping and then wet mopping the deck span.	Conformance	8/31/2021 8:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		It was observed that prior to any waterproofing application that the deck was free of all loose material.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		minutes prior to waterproofing going on the approach slabs they were swept and blown off to make sure they were free of all loose materials	Conformance	1/7/2021 7:38:48 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Immediately prior to the application of primer or any type of membrane, all dust and loose material shall be removed.		Deck was clear of debris and dust.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck condition will be approved before application of the membrane.		Deck was acceptable.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck condition will be approved before application of the membrane.		IQC approved the condition of the approach slabs immediately prior to waterproofing.	Conformance	1/7/2021 7:38:48 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck condition will be approved before application of the membrane.		it was observed that the deck condition was aboved before the application of the waterproofing membrane.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		The deck condition will be approved before application of the membrane.		IQC approved the deck span prior to application of the membrane.	Conformance	8/31/2021 8:57:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		The deck condition will be approved before application of the membrane.		IQC inspected and approved the deck (cleanliness and blast profile) before the application of the membrane.	Conformance	9/8/2020 9:29:42 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		The deck condition will be approved before application of the membrane.		IQC (Sean Gilman) approved the deck condition before the application of the membrane.	Conformance	9/16/2020 8:07:45 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck condition will be approved before application of the membrane.		IQC approved the deck condition prior to application of the membrane.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		The subcontractor applied the primer and membrane during suitable weather conditions.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		The weather conditions were satisfactory before the application of primer and membrane.	Conformance	9/16/2020 8:07:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		No application of primer or membrane was done during inclement weather or when deck/air temperatures were below 50 degrees Fahrenheit.	Conformance	9/8/2020 9:29:42 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		All primer and membrane was applied during weather that was dry with none being applied during inclement conditions.	Conformance	8/31/2021 8:57:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Waterproofing	Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		it was observed during the waterproofing application the temperatures were above 50 degrees and no inclement weather occurred.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Weather and Moisture Limitations for Application of Waterproofing Membrane. Application of primer or membrane shall not be done during inclement weather conditions, or when deck and ambient air temperatures are below 50 °F.		Moisture was acceptable at placement.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck surface shall be dry at the time of application of primer and membrane.		Deck was dry.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck surface shall be dry at the time of application of primer and membrane.		it was observed that the deck was and maintained being dry during the waterproofing application.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		The deck surface shall be dry at the time of application of primer and membrane.		The span 1 deck surface was dry at the time of primer and membrane application.	Conformance	8/31/2021 8:57:23 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		The deck surface shall be dry at the time of application of primer and membrane.		The deck surface was always dry before primer and membrane application.	Conformance	9/8/2020 9:29:42 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		The deck surface shall be dry at the time of application of primer and membrane.		The deck surface was dry at the time of application of primer and membrane.	Conformance	9/16/2020 8:07:45 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The deck surface shall be dry at the time of application of primer and membrane.		The subcontractor waited until the deck moisture was within specifications and the deck surface was dry.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Waterproofing	Structures		The entire membrane shall be essentially free of wrinkles, air bubbles and other placement defects.		The entire membrane is essentially free of wrinkles, bubbles and other placement defects.	Conformance	5/18/2020 8:38:31 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Protective covering shall be laid parallel to the centerline of the bridge.		Covering was laid parallel to bridge CL.	Conformance	11/2/2020 3:50:45 PM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The protective covering shall be butted together at longitudinal and transverse joints.		Covering was butted together at joints.	Conformance	11/2/2020 3:50:45 PM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The protective covering shall be butted together at longitudinal and transverse joints.		it was observed that no gapping between transverse joints were present and no more than 1/8 in gap fro longitudinal joints were present.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The protective covering shall be butted together at longitudinal and transverse joints.		Covering was butted together properly.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Overlapping will not be permitted.		No overlapping was allowed.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Overlapping will not be permitted.		it was observed that 0 overlapping occurred during the wpplication of the waterproofing membrane.	Conformance	5/5/2021 9:20:58 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Overlapping will not be permitted.		No overlapping occurred.	Conformance	11/2/2020 3:50:45 PM -07:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		The maximum allowable space between adjoining sections of protective covering shall be 1 inch.		Joint specs did not exceed 1 inch.	Conformance	12/21/2020 10:39:26 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		This work consists of constructing a Concrete Panel Facing Mechanically Stabilized Earth (MSE) Retaining Wall System at the locations and to the lines and grades shown on the plans.		all panels were place in conformance with the plans.	Conformance	11/2/2020 12:31:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		This work consists of constructing a Concrete Panel Facing Mechanically Stabilized Earth (MSE) Retaining Wall System at the locations and to the lines and grades shown on the plans.		The wall is being constructed to the lines and grades shown on the plans as staked.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The retained structure backfill zone is the structure backfill retained by the reinforced structure backfill zone as shown on the plans.		Backfill zone constructed matched zone detailed in shop drawings.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	1/6/2020 4:04:30 PM - 07:00	The Contractor shall submit six sets of shop drawings for review prior to construction of the wall.		624-W1 MSE Wall Construction Drawings remain in Revise and Resubmit Status according to Aconex. (Aconex Document Number C70-PCPJ-WLS-SHD-000002).		1/23/2020 9:18:54 AM -07:00	Audit Comment	Acknowledged. KIC is updating all revise and resubmit submittals during the month of January.	Closed
Central 70	C 0704-241	Facing Panels	Walls		The Contractor shall submit six sets of shop drawings and certified material test reports for review prior to construction of the wall.		Shop drawings submitted	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The shop drawings shall provide the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).		The shop drawings provide all the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The shop drawings shall provide the details necessary to demonstrate compliance with the Contract, including the items listed in 504.02 (a) through (m).		Shop drawings provide all necessary details to comply with contract, and to build the work in conformance.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise specified on the plans, wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure backfill zone shall conform to the requirements for Structure Backfill (Class 1) of Section 206.		The wall backfill material in the reinforced structure backfill zone and the associated trapezoidal retained structure conform to the requirements for Structure Backfill (Class 1) of Section 206.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		Concrete poured for the leveling pad was Class D, conforming to the requirements of Section 601.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Concrete for the leveling pad shall be Concrete (Class D) conforming to the requirements of Section 601.		The concrete for the leveling pad is class D and conforms to the requirements of Section 601.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		I spot checked some of the precast panels and they conform to the requirements shown on the plans and specifications, including the color, texture, dimensions and pattern.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The precast panels conform to the requirements shown on the plans and the specifications including the color, texture, dimensions and pattern.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		12 wall panels were installed along abutment 3. (#148 to #161). Panel 158 was not placed since the panel was cast incorrectly. All other panels were in conformance with the shops and specifications. Please see the attached pictures. Electrical IQC was onsite to inspect the conduits on panel #161 before the panel was installed.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		All panels that were placed were in conformance of the plans and shop drawings. Conduits were installed by Sturgeon Electric in Panel 101. A separate audit was generated for the SS316 conduits and hardware. These conduits are for the Fire Telephone near the barrier. The block out was found to be foot low. This was an error in the KMP calculations. Since the conduits penetrate the NEMA 4x cabinet from the bottom. This is not considered an issue.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		Pre-cast concrete panels conform to the requirements shown on plans and shop drawings, including color, texture, dimensions, and pattern.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		it was observed that the panels installed matched the plans color, texture, dimensions, and pattern.	Conformance	5/5/2021 9:23:41 AM -06:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		Panel thickness within conformance, including the depth of rustication on front face of panel.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Panel thickness shall be a minimum of 6 inches plus the depth of rustication.		I spot checked some panels and all were a minimum of 6 inches thick plus the depth of rustication.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		Soil reinforcement attachment devices shall be within 1 inch of shop drawing locations.		Reinforcement attachment devices within conformance in relation to shop drawing locations.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		All unit dimensions shall be within ¼ inch of plan.		All dimensions that were measured were in conformance of the plans and shop drawings.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All unit dimensions shall be within ¼ inch of plan.		I spot checked some of the panels and the dimensions were within 1/4 inch of the plans.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		All unit dimensions shall be within ¼ inch of plan.		Panel Type 44 and 45 were not cast in accordance with the plans. The panel invert was measured in the field to be 3'4" while the shop drawing dimension is 2' 7 3/8" since the level pad was raise 8" due to ground water (201-W1 Full Height Wall Panel Shops). Please see the attached pictures and reference calculations attached to comment #1. Shop Drawings will be adjusted accordingly.	Field Resolved	2/10/2021 1:19:25 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		All panels that I checked were square as determined by diagonal measurements.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		Squareness difference did not exceed 1/2 inch panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		The squareness of the panels were verified.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Squareness determined by the difference between two diagonals, shall not exceed ½ inch.		I spot checked a few panels and the squareness of the two diagonals was less than 1/2 inch.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wall Facing	Aesthetics		Surface defects on the front face textured surface, shall not exceed 3/16 inch when measured with a 5 foot straight edge, except when intentionally roughened.		There were no surface defects found during the placement of walls panels from Monday, March 16th to Wednesday, March 18th.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman and superintendent were onsite during the installation that occurred between Monday, March 16th to Wednesday, March 18th. Cover Abutment 3, Panel 94 to Panel 108, East of Columbine Bridge.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman was onsite the entire time panels were installed.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The wall test segment shall be the first segment of the wall constructed.		The first 4 panel were set on Monday, March 16th. Panels 94 to 97. We had a field walk the following morning (Tuesday, March 17th) with Elizabeth Kraft and Phil Mazzarella.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Before the start of wall construction, the Contractor shall provide a panel-placing plan and shall supply daily placement logs to the Engineer weekly and at the completion of the wall.		The Full Wall Panel Pre-Construction meeting was held on March 6th. The placement plan was provided in the Hold Point Meeting on March 5th.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		The crew has been managing placement logs with their inspection checklists.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		Panel placement logs were kept.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		the field engineer presented the logs for all the panels set for this section of wall.	Conformance	5/5/2021 9:23:41 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		Production crews and IQC kept daily placement logs.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The daily placement log shall consist of an elevation view of the wall showing the dates, number of panels placed, and the serial numbers of the panels placed.		Daily placement log was kept by production and IQC.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		To avoid panels with random cracks, the Contractor shall install vertical slip joints as shown on the shop drawings for tight curved corners (8 foot radius or less) and dissimilar foundations such as bridge abutments.		Vertical slip joints were installed at acute corner and at edge of abutment line as detailed on shops drawings.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Level pad area was compacted and tested by IQC prior to pad pour.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Base of level pad was compacted and tested in accordance with specifications.	Conformance	4/30/2020 2:13:58 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Subgrade for the leveling pad was compacted to at least 95% of maximum dry density at a moisture content within the acceptable limits of the optimum moisture.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The base of leveling pad shall receive the same compaction as cut area required by subsection 203.07.		Base of leveling pad received same compaction as strap zone.	Conformance	9/16/2020 11:14:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MSE Structure Exc	Walls		The Contractor shall report to the Engineer in writing density test results for any unsatisfactory bearing material that does not meet the minimum 90 percent compaction for walls less than 16 feet high and 95 percent compaction for walls higher than 16 feet when tested in accordance with AASHTO T 180.		Subgrade was compacted to at least 95% of maximum density.	Conformance	12/16/2020 11:50:26 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall report to the Engineer in writing density test results for any unsatisfactory bearing material that does not meet the minimum 90 percent compaction for walls less than 16 feet high and 95 percent compaction for walls higher than 16 feet when tested in accordance with AASHTO T 180.		No failing densities were recorded in reworked subgrade.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		If the excavation for the placement of the leveling pad exposes an unsatisfactory bearing material, the Engineer may require removal and replacement of that material. The removed material shall be replaced with Structure Backfill (Class 1) compacted in conformance with subsection 206.03. The Engineer with the assistance of the geotechnical engineer of record will provide the limits including the depth of removal.		All unsuitable material was removed, and an approved subgrade repair procedure with geofabric and a geogrid was installed.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		If the excavation for the placement of the leveling pad exposes an unsatisfactory bearing material, the Engineer may require removal and replacement of that material. The removed material shall be replaced with Structure Backfill (Class 1) compacted in conformance with subsection 206.03. The Engineer with the assistance of the geotechnical engineer of record will provide the limits including the depth of removal.		All unsatisfactory material was removed, and suitable material was replaced.	Conformance	9/16/2020 11:14:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		If the excavation for the placement of the leveling pad exposes an unsatisfactory bearing material, the Engineer may require removal and replacement of that material. The removed material shall be replaced with Structure Backfill (Class 1) compacted in conformance with subsection 206.03. The Engineer with the assistance of the geotechnical engineer of record will provide the limits including the depth of removal.		Suitable material was used to create subgrade for pad.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		If the excavation for the placement of the leveling pad exposes an unsatisfactory bearing material, the Engineer may require removal and replacement of that material. The removed material shall be replaced with Structure Backfill (Class 1) compacted in conformance with subsection 206.03. The Engineer with the assistance of the geotechnical engineer of record will provide the limits including the depth of removal.		There was a field meeting with all associated parties to discussed the pumping soil under the wall footer from the Eastern edge of Columbine Abutment 3 moving West. Paul Macklin from Shannon & Wilson was onsite to confirm that what was constructed is adequate. The plan was remove any areas that are considered problematic and replace them with stone to the prescribed depth.	Field Resolved	3/20/2020 3:36:27 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Foundation of wall was not graded to proper width, however after discussing with IQC, the production crews were notified, and foundation was cut to proper width.	Field Resolved	4/24/2020 9:03:57 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Foundation was graded to proper length.	Conformance	4/30/2020 2:13:58 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Foundation of bottom of wall was graded to the Reinforcement length plus 2 feet as per shop drawings.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Cut and compacted area of foundation was equal to Reinforcement length plus 18 inches.	Conformance	9/16/2020 11:14:02 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Wall foundation was cut to Reinforcement length plus at least 18".	Conformance	12/16/2020 11:50:26 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Wall cut section was proper dimensions.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall grade the foundation for the bottom of the wall for a width equal to or exceeding the limits of the Reinforcement Length (RL) plus 18 inches as shown on the plans.		Foundation was graded to proper dimensions.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		This graded area shall be compacted with an appropriate vibratory roller weighing a minimum of 8 tons for at least five passes or as directed by the Engineer.		Graded area was compacted with approved equipment, and satisfactory compaction was achieved.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		All steps were constructed according to plan sheets, no steps exceeded 36 inches.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Steps were constructed per plan.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Vertical steps were constructed per plans.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wall Facing	Aesthetics		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The steps of the footer are in conformance of the plans and specifications.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		it was observed that in this area a step of 12", no reinforcement was used at this step.	Conformance	5/5/2021 9:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		it was observed at another time then the panels were et that the leveling pad met the requirements of subsection 504.11	Conformance	5/5/2021 9:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		Please reference the "Field Resolved" issue above.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		Level pad foundation met requirements.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		The footer was level. This was verified by survey and the visual inspection of the shims that were used for each panel.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		A straightedge was used to ensure the leveling pad met the following specification.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		After dewatering and reworking wall area, leveling pad was found to be level, and no deviations were observed.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		The level pad had a significant dip from panel 190 to 192. Please reference the attached pictures. The level pad was removed on Friday, Sept. 11th and re-poured to within tolerance on Saturday, Sept. 12th.	Field Resolved	9/17/2020 5:23:05 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		The level pad was within allowed tolerances.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		Level pad was poured within tolerance.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims used to support wall panels panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM -06:00	Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were used to support the panels directly	Conformance	6/29/2021 1:32:49 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material was used to support panels directly founded on the leveling pad.	Conformance	7/29/2021 1:32:51 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material was used to support panels	Conformance	7/29/2021 2:12:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shim material was used between the leveling pad and wall panel.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material was used between the panel and the leveling pad.	Conformance	9/17/2020 5:23:05 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were used to support panels on level pad.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were used to support the wall panel off the leveling pad.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Varying height shims are being used. Survey is there to verify the placement and the shims are adjusted to the appropriate height on behalf of the survey.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were used to support first course of panels.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		The expansion material and coping anchors were installed in accordance with Detail B & 1. Silicone sealant on top of the expansion material will be installed at a later date.	Conformance	4/4/2020 4:04:08 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were placed underneath first course of panels.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were placed below bottom panels.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	11/25/2019 3:03:45 PM -07:00	No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		I observed no more than 2 shims being used to level panels on the leveling pad.	Conformance	11/25/2019 2:49:40 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Proper shimming was used.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Appropriate shims were used.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		This specification is superseded by Plan Sheet WS504. The shims for the bottom of the panel have a necessary 1/4" min and 3/4" max. These tolerances were followed during my observation. Please see the attached tolerances that will be followed.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Shims were used. The amount of shims were in conformance with the specifications developed for this operation. " Shim bottom of panels as necessary. 1/4" min to 3/4" max.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		There were too many shims used on the leveling pad due the issue in comment #6. After the leveling pad was re-poured within tolerance. The appropriate amount of shims was used. Reference the pictures in comment #6.	Field Resolved	9/17/2020 5:23:05 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		it was observed that now more the 2 shims were used on the leveling pad to level the panel.	Conformance	11/2/2020 12:31:20 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		The tolerances for a full height wall panel were follows. 1/4" min to 3/4" max.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		No more than 2 shims used for panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		it was observed that shims did not exceed more then 3/4".	Conformance	5/5/2021 9:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		in most cases one shim was used that was 3/16" to level the panel on the leveling pad. there were a few panels that needed two shims.	Conformance	11/2/2020 12:29:52 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wooden wedges were used to hold panels at correct batter.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wooden wedges were used to maintain the tolerances from the previous wall panel. The wedges were removed once the concrete panel anchors were installed.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wedges were used to set panels at correct alignment.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wedges were used to correct batter. Wedges were removed after panel was set.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		Wooden wedges were used to help panels set at correct batter, and were removed prior to backfilling.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges may be used to help to hold the panels at the correct batter during the backfill operation.		I observed wooden wedges being used to hold the panels at the correct batter.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Wooden wedges shall be removed as soon as the precast panels above the wedged panels are completely erected and backfilled.		All wooden wedges were removed as soon as the panels above the wedged ones were erected and backfilled.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	Wooden wedges shall be removed as soon as the precast panels above the wedged panels are completely erected and backfilled.		Wedges were removed prior to backfill.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	11/25/2019 3:03:45 PM - 07:00	There shall not be more than three rows of wooden wedges in place at one time.		There are no more than three rows of wooden wedges in any place.	Conformance	11/25/2019 2:49:40 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	11/25/2019 3:03:45 PM - 07:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Level pad concrete was cured for more than 12 hours before placement of panels.	Conformance	11/25/2019 2:49:40 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad was cured for at least 12 hours prior to panel placement.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Concrete was allowed to cure for at least 12 hours prior to panel placement.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Level pad was cured for 12 hours prior to panel placement.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		The wall footer underneath the Cover along Abutment 3 was placed at the end of January.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Concrete was allowed to cure for at least 12 hours prior to panel placement.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		it was observed that the the leveling pad was poured atleast 24 hours before panels were installed.	Conformance	5/5/2021 9:23:41 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		The level pad was poured the previous week.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Level pad was allowed to cure for at least 12 hours prior to panel placement.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Level pad was cured for at least 12 hours prior to panel placement.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad was cured for more than 12 hours.	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM - 06:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad had cured for more than 12 hours	Conformance	6/29/2021 1:32:49 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		All leveling pad concrete was cured for at least 12 hours before placement of panels.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad had cured for more than 12 hours prior to placement of panels	Conformance	7/29/2021 2:12:54 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling pad concrete has cured for at least 12 hours	Conformance	7/29/2021 1:32:51 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		Batter of panels is not negative	Conformance	7/29/2021 1:32:51 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed	Conformance	7/29/2021 2:12:54 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM - 06:00	An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter observed	Conformance	6/29/2021 1:32:49 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No batter observed for panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter between the bottom and the top of the wall was measured or observed.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		it was observed that one of the panels after facing presented a negative .5% batter. a field meeting with the superintended was conducted and the fix was to tighten the top anchors. After the fix was done the panels was check and no negative batter was present.	Field Resolved	5/5/2021 9:22:57 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter between the bottom and the top of the wall panels	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		it was observed that the wall presented no negative batter once pnel installation was completed.	Conformance	5/5/2021 9:23:41 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		Panels placed on 8 June were found to have a slight negative batter. After discussing with IQC and crew, panels would be isolated and adjusted. This was completed and verified on 10 June.	Field Resolved	6/16/2020 11:48:18 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed on panels placed.	Conformance	6/16/2020 11:59:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		I observed no overall negative batter and IQC didn't report finding any.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		Negative batter was found on the second panel of column 133, however it has been addressed and corrected. See NCR 1766.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	11/25/2019 3:03:45 PM - 07:00	An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		In column 133, the second panel from the bottom is obviously at negative batter and in particular at the top left corner. IQC had previously observed that this panel was out and did not write a NCR and also did not have the Contractor repair this panel, and now the Contractor has placed another panel on top of it.	NCR 1766 was written to track this issue.	12/12/2019 12:00:52 PM -07:00	NC-2	NCR 1766 was written to track this issue. The statement about IQC not writing the NCR is not a true statement. IQC notified PC and the panel was corrected. during compaction of the second panel the bottom panel push out again. See NCR for further action to prevent occurrence.	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		During inspection with IQC, one panel was noted to have negative batter. This was brought up to the foreman, and corrected by end of shift.	Field Resolved	5/19/2020 2:35:19 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Wall panels were set at vertical position, or with slight positive batter.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Wall face was observed as vertical.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Panels were set vertical, or with slight positive batter.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		The crew used a 4ft level to verify that the panels were verified before and after the wall anchors were installed.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Batter measured on panels was less than 5 percent.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Panels were placed with no batter.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Batter on panels was measured at less than 5 percent.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Panels were placed with 0-5 percent positive batter.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		The wall panel face was level in accordance with this specification.	Conformance	9/17/2020 5:23:05 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Final wall face was vertical.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		No batter observed for panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM -06:00	Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		No negative batter observed	Conformance	6/29/2021 1:32:49 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		I spot checked some panels with a level and all were vertical or had a slight batter within specifications.	Conformance	2/8/2021 2:24:22 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Final wall face was vertical.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Panels were either vertical or had slight, positive batter (Panels 69A through 78A)	Conformance	7/29/2021 2:12:54 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Batter of panels is either vertical or within tolerance for positive banner	Conformance	7/29/2021 1:32:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		The panels did not have significant concave or convex deviations	Conformance	7/29/2021 2:12:54 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No panels on wall exceeded 1/2" deviations.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Panels 44 and 45 of Wall 201-W1 do not adhere to the following straight edge requirement. Please see the attached pictures.	Field Resolved	2/10/2021 1:19:25 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls	6/29/2021 2:00:46 PM -06:00	The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No significant deviation observed	Conformance	6/29/2021 1:32:49 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Wall face surface within tolerances for panels 100 - 108 wall 204 W2	Conformance	6/15/2021 7:42:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		it was observed that with a 10' straightedge there was no more then a 1/2" deviation.	Conformance	5/5/2021 9:22:57 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		a 10' straight edge was used to check the front face of the panels. everything was within the tolerances allowed.	Conformance	11/2/2020 12:29:52 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Panel #198 was bowed and not conforming to the tolerances for full height wall panels. A meeting with Pacheco was held in the field at 10:00 am on Wednesday, Sept. 16th. Chris Merrifield wrote ENCR #0442 to address the issue. A meeting will be held on Friday, Sept. 18th with the aesthetics team (CDOT - Tim Buntrock and Desing Workshop - Chris Geddes) for the path moving forward for ENCR disposition.	Field Resolved	9/17/2020 5:23:05 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		with a 10' straight edge it was observed that the front face of the panels were within the tolerances allowed.	Conformance	11/2/2020 12:31:20 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Surface of wall did not have any deviations that did not meet straightedge requirement.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations over allowable tolerance was observed in panels installed.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		The wall panels were inspected using a 10ft straightedge and were in accordance with the specification.	Conformance	11/30/2020 3:02:17 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations were observed with 10 foot straightedge.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations outside of tolerance were observed on panels.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		The horizontal alignment with adjacent panels was verified as each wall panel was set.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		A level was used between panels to ensure this specification was followed.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations outside of allowable tolerance was observed.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations were observed with 10 foot straightedge.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Wall did not deviate from straightedge.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations outside of allowable tolerance was observed.	Conformance	6/16/2020 11:59:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviation was found in wall.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Panels observed as installed were measured with a 10 foot straightedge, and had no deviation.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		No deviations were observed in panels set.	Conformance	5/19/2020 2:35:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		I observed IQC using the 10 foot straightedge but did not see any variances or discrepancies from the specifications.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		I observed filter fabric a minimum of 12 inches wide glued to the panels behind all vertical joints.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed behind all joints.	Conformance	5/19/2020 2:35:19 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed and adhered to joints at back of panels.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed behind panels at all joints.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed at seams between all panels.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed at each joint.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed at all joints.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed behind all joints.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed behind all joints.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed at all joints.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM - 06:00	To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		12" wide filter fabric is installed	Conformance	6/24/2020 8:15:49 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		12" wide filter fabric is in place	Conformance	6/26/2020 8:43:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		12" filter fabric was used	Conformance	6/30/2020 1:19:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed behind all joints.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was installed behind all joints.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed behind all joints.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric at least 12 inches wide was glued to the panels behind all vertical joints.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric was placed behind all vertical joints.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid leaking or soil erosion through the joint, a filter fabric at least 12 inches wide shall be glued to the panels behind all vertical joints.		Filter fabric measuring 12 inches wide was glued to the panels behind all vertical joints.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		The reinforcement (straps) were not be connected to the wall until the compacted fill was at or slightly higher than the location of the connector.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement was not connected until fill was at or slightly above connector.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Straps were not connected until fill was at or above connector.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Soil reinforcement was not connected until fill was at or above connector elevation.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcing was connected when backfill was at or slightly above strap height.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement was not connected until fill was at or slightly above connector.	Conformance	6/16/2020 12:00:39 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement was not connected to wall until fill was at proper height.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcement was not connected until compacted fill was at or above clip location.	Conformance	5/19/2020 1:39:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcing was not connected until backfill was at or slightly above strap height.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		reinforcement was not placed and connected until compacted fill was at or above connector location.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		Reinforcing straps were not placed until backfill was at or above strap level.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		I observed no reinforcing straps being connected until the compacted fill was at or slightly higher than the location of the connector.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforcement shall not be connected to the wall until the compacted fill is at or slightly higher than the location of the connector.		The reinforcing straps were not connected to the wall until the compacted fill was at or slightly higher than the location of the connector.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The material being placed in the reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall was Structure Backfill (Class 1). I did not notice IQC on site during the entire backfilling operation but PC was there running moisture/density tests for each lift. I spoke to the IQC inspector (Tommy Harmon) and he said with their frequencies that they did not need a moisture density test yet.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 material was placed within the structure backfill zone.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 was placed appropriately in zones detailed on plans.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		2-4 inches of Class 2 native backfill was found in sections of the structure backfill zone, from the back edge of the cut extending approximately 6-8 feet. After discussing with IQC, the production crews were notified, and the native material was removed from the backfill.	Field Resolved	4/24/2020 9:03:57 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Reinforced structure backfill zone was all class 1 material.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		All fill in reinforced structure backfill zone was class 1 material.	Conformance	5/19/2020 1:39:03 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Only class 1 material was placed in structure backfill zone.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 backfill was being placed	Conformance	6/30/2020 1:19:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 backfill was used	Conformance	6/26/2020 8:43:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM -06:00	The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Class 1 material was used	Conformance	6/24/2020 8:15:49 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Structure backfill zone detailed in plans was all Class 1 material.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Reinforced backfill zone was Class 1.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans was Class 1 Structure Backfill.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans was Structure Backfill (Class 1).	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Reinforced backfill zone was class 1.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the walls as defined on the plans was backfilled with Class 1.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels did not exceed 4 inches	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels did not exceed 4 inches, plate tamper used for compaction.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels did not exceed 4 inches, plate tamper was used.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		4" lifts were observed in this area	Conformance	6/30/2020 1:19:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Plate compaction zone lift thickness was appropriate.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches. (Plate compaction zone)		Each compacted layer of backfill within a distance equal to the reinforcement spacing away from the back of the panels shall not exceed 4 inches.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Each compacted layer of backfill that I observed were in even increments up to 8 inches thick.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	Each compacted layer of backfill shall be in even increments up to 8 inches thick.		a 6 inch compacted lift of backfill was observed being placed.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		The compacted backfill layers that I observed were in even increments of 8 inches maximum.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8 inch loose lifts were placed and then compacted.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Backfill was placed in 6-8 inch loose lifts.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8 inch loose lifts were placed.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		6-8 inch loose lifts were observed being placed.	Conformance	6/16/2020 11:59:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8 inch loose lifts were observed.	Conformance	5/19/2020 1:39:03 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		6-8 inch loose lifts were observed being placed.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8" lifts were observed	Conformance	6/30/2020 1:19:45 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		6-8 inch loose lifts were observed being placed.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8 inch loose lifts were observed being placed.	Conformance	6/16/2020 12:00:39 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8 inch loose lifts were placed.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Loose lifts of 6-8 inches were used.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		even lifts of Class 1 material were placed, up to 8 inches thick.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Each compacted layer of backfill was placed in even increments up to 8 inches thick.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		6" compacted lifts were placed.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Each compacted layer of backfill was placed in even increments up to 8 inches thick.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		Each lift of compacted backfill was in even increments of 8 inches.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Each compacted layer of backfill shall be in even increments up to 8 inches thick.		8" loose lifts were placed.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Fill operation began 3 feet from wall back face.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Backfill and compaction operations were started 3 feet from the wall back face and progressed toward the end of the reinforcement.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		The fill and compaction operation was started 3 feet from the wall back face and progressed toward the end of the reinforcement.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Fill operation began 3' from back face of wall.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		The fill and compaction operation started 3 feet from the wall back face and progressed toward the end of the reinforcement.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Fill and compaction operation began 3 feet from face of wall.	Conformance	6/16/2020 12:00:39 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM -06:00	The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Compaction started approximately 3 ft from the back face of the wall	Conformance	6/24/2020 8:15:49 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		Fill was placed 3 feet from edge of wall and hand placed next to panels.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The fill and compaction operation shall start 3 feet from the wall back face and progress toward the end of the reinforcement.		The fill and compaction operation started 3 feet from the wall back face and progressed toward the end of the reinforcement.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		I observed two separate PC (Vivid) testers run moisture density tests and both were within specified tolerances.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		PC achieved passing density tests on lift observed.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Compaction was achieved on lift observed.	Conformance	6/16/2020 11:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		IQC achieved a passing density test on the backfill.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Class 1 material was compacted to required densities.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		All Structure Backfill (Class 1) including fill material under the wall and on-site material as allowed by subsection 504.03 shall be compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.		Structure Backfill (Class 1) was compacted to a density of at least 95 percent of the maximum density according to AASHTO T 180.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		At least 6 inches of material was in place prior to operation of tracked vehicles over soil with reinforcement.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		I observed no reinforcement straps being tracked over without at least 6 inches of material on top.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		At least 6 inches of material shall be in place prior to operation of tracked vehicles over soil with reinforcement.		At least 6 inches of material was placed over straps prior to equipment moving over them,	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Walk behind plate compactor was used within 3 feet of panel.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Walk behind plate compactors were used within 3 feet of the face of the wall.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Only walk behind plate compactors were used within 3 feet of wall face.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM -06:00	Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Plate compactor was used within 3 ft of the wall face	Conformance	6/24/2020 8:15:49 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Only small walk behind compaction equipment was observed being used within 3 feet of wall face.	Conformance	6/16/2020 11:49:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		I observed no power operated or plate compaction equipment over 1000 pounds within 3 feet of the front of the wall face.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Heavy compaction equipment was kept more than 3 feet away from edge of wall.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Walk behind plate compactor was used around piles, in acute corner, and next to panels.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Only small walk behind equipment was used within 3 feet of wall face.	Conformance	5/19/2020 1:39:03 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Plate compaction equipment weighing less than 1,000 pounds was used within 3 feet of the front of the wall face.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Only walk behind compaction equipment was used within 3' of wall.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds was within 3 feet of the front of the wall face.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front of the wall face.		A plate compactor weighing less than 1,000 pounds was used within 3 feet of the front of the wall face.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No frost or frozen lumps was used in backfill.	Conformance	1/21/2021 12:45:23 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No frozen lumps in material or frost was observed in MSE backfill, ground temperature was 48 degrees F.	Conformance	11/16/2020 7:36:09 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No frozen material was used.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No frozen backfill was used.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No backfill was placed containing frost or frozen lumps of material.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Backfill containing frost or frozen lumps shall not be used.		Frozen material was not used.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	Backfill containing frost or frozen lumps shall not be used.		Frozen materials were not used in backfill.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		No backfill placed during the time that I was observing had any frozen material in it.	Conformance	12/4/2019 6:20:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill containing frost or frozen lumps shall not be used.		There was no material placed with frost or frozen lumps.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM -06:00	Backfill containing frost or frozen lumps shall not be used.		No frost or frozen lumps were used.	Conformance	6/24/2020 8:15:49 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Backfill that has been placed and becomes frozen shall be removed and replaced at the Contractor's expense.		No placed backfill became frozen.	Conformance	11/20/2019 8:30:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Front face of wall was backfilled as soon as practically possible.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Front face of wall was backfilled within an acceptable timeframe.	Conformance	5/19/2020 1:39:03 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		To avoid the foundation of the leveling pad being washed out by rain, the area in front of the wall and around the leveling pad shall be backfilled as soon as practicable.		Front face of wall was backfilled within an acceptable timeframe.	Conformance	7/7/2020 9:19:05 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	9/14/2020 7:37:59 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	6/16/2020 12:00:39 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcing was slack free.	Conformance	5/11/2020 11:15:27 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	5/11/2020 11:13:35 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	4/24/2020 9:03:57 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Reinforcement was slack free.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		No slack was present in reinforcing.	Conformance	4/24/2020 9:02:54 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcing was slack free.	Conformance	2/5/2021 10:39:02 AM -07:00	C		Closed

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Central 70	C 0704-241	Construct MSE Wall	Walls		Steel reinforcement shall be slack free and geosynthetic reinforcement shall be slightly pre-tensioned.		Steel reinforcement was slack free.	Conformance	1/18/2021 9:03:42 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		The drainage system consisted of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		Strip drains were installed in back of structure backfill zone.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		12 inch strip drains were installed per plans.	Conformance	6/16/2020 11:59:08 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The drainage system shall consist of a 12 inch wide geocomposite strip drain inserted into a slot in the geomembrane, at 10 foot maximum spacing, that collects the water from the membrane and conveys it to a water collector system (Called out on the shop drawings as the drain detail).		strip drains are in place	Conformance	6/26/2020 8:43:18 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		A 4 inch diameter non-perforated drain pipe, at 100 foot maximum spacing, shall be used to discharge the water in the water collector system out the face of the wall.		4 inch non perforated pipe was installed per plan.	Conformance	6/16/2020 11:59:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	1/6/2020 4:04:30 PM - 07:00	A 4 inch diameter non-perforated drain pipe, at 100 foot maximum spacing, shall be used to discharge the water in the water collector system out the face of the wall.		Only one 4 inch diameter non-perforated drain pipe observed to be present for entirety of Wall 624-W1. Per Wall Standard Sheet WS321, pipe should be a minimum of 3" above top of sidewalk. Pipe that is observed does not match this minimum above the top of sidewalk. Additionally, drainage pipe should be at 100 foot maximum spacing. It would appear the remaining drain pipe is below the top of sidewalk. See attached pictures and standard detail.	NCR No. 1878 was created to track issue to closure.	1/23/2020 9:18:49 AM -07:00	NC-2	NCR 1878 was written to resolve this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Cover on the back face of the wall for horizontal and vertical joints is required between panels and shall be a drainage geotextile conforming to Subsection 712.08, a minimum of 12 inches wide, nailed or glued in place prior to placing backfill.		The cover on the back face of the wall for horizontal and vertical joints is required between panels, the cover was a minimum of 12 inches wide, and was glued in place prior to placing backfill.	Conformance	3/29/2021 1:06:37 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		As shown on the plans, facing panels directly exposed to spray from deiced pavements and indirect windborne spray shall have three coats of water resistant or repellant concrete sealer applied to the front face of the wall before the wall is opened to traffic.		The concrete coating is addressed in Change Order 50.	Conformance	4/4/2020 4:04:08 PM -06:00	C		Closed

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Central 70	C 0704-241	Lowered Section Wall Panels	Walls		All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		There will be a lot of overhead work utilizing heavy equipment near the coping in the coming weeks. Field observation will be continuous to ensure nothing is damaged.	Conformance	4/4/2020 4:04:08 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Section Wall Panels	Walls		All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		There was some minor concrete spalls on the panels due to handling. These were patched before the panels were installed.	Conformance	4/4/2020 4:01:05 PM -06:00	C		Closed
Central 70	C 0704-241	Wall Facing	Aesthetics		All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		Some panels are discolored. This is typical of the casting process. Future update will be required for the wall panel coating/sealer.	Conformance	3/20/2020 3:36:27 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	6/25/2020 1:35:41 PM -06:00	All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		One of the bottom panels, approximate station 407+80, is damaged along the top edge, see last photo of photo report.	Closed	7/14/2020 8:41:04 AM -06:00	Audit Comment	The panel chip will be repaired using the RECO approved repair procedure	Closed
Central 70	C 0704-241	Facing Panels	Walls		All damages to a completed wall or parts of a completed wall, including blemishes and discoloring of panels, shall be replaced or repaired before final payment is made. Sand blasting may be used if approved by the Engineer.		The wall panels were free of damage during my observation.	Conformance	9/17/2020 5:23:05 PM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Materials for waterproofing shall conform to the following:		the EXOAIR TERMINATION MASTIC was not in the submittal, IQC informed us that it is part of the system and it is in an accepted submittal for materials.	Field Resolved	7/10/2020 2:49:08 PM -06:00	Field Resolved		Closed

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Central 70	C 0704-241	Waterproofing	Structures		All concrete surfaces to be waterproofed shall be free of loose material and dirt and shall be reasonably smooth and free of projections or holes. Waterproofing shall not be started without approval in wet weather or when the temperature is below 35 °F.		to conform with smoothness and the 10 foot straight edge all surfaces were grinded to be in conformance. temperatures were in the 50's during the waterproofing placement.	Conformance	1/7/2021 7:38:48 AM -07:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing		Gradation - Sieve Analysis per CP 31 - 1-1/2" to #8		There were 4 Sieves (1/2", 3/8", #4, #8) in which there was a difference that far exceeded even doubled the allowable difference of 5%. Because these differences were so large I moved to confirm my results by comparing other gradations of the same material that were split with IQC. It confirmed that IAT's Gradation results fall within the minor difference category. I met with Lev Bekker & George Medved to discuss what could have caused such a large difference on so many sieves. The only clear differences were in the moisture content and the size of the sample. IAT Moisture Content 6.7% and OVT Moisture Content 8.9% It is important to note that both samples were split and washed on the same day. The second difference was in that OVT's	Field Resolved	6/26/2020 1:34:15 PM -06:00	Field Resolved		Closed



						<p>sample was considerably large and far exceeded the minimum sample size of 2000g for 3/4". OVT Sample size 3493.1g and IAT sample size 2356.8g. In principle this difference should not cause a difference at all if properly split however I have noticed fluctuations in the larger particle sizes when exceeding the minimum sample sizes by a large margin. The meeting with OVT could not yield a clear reason for the Significant Differences but it was agreed that more care would be taken to keep the sample size more reasonable as well as care in recording weights and tares.</p> <p>A retest was performed on 6/16/2020 on a split sample of Aggregate Base Course Class 6 that yielded only minor differences. Both reports are attached.</p>				
Central 70	C 0704-241	IAT Materials Testing		Gradation - Sieve Analysis per CP 31 - #16 to #50	<p>All 3 sieves (#16, #30, #50) were discovered to far exceed the max allowable difference of 4%. Because these differences were so large I moved to confirm my results by</p>	Field Resolved	6/26/2020 1:34:15 PM -06:00	Field Resolved		Closed



comparing other gradations of the same material that were split with IQC. It confirmed that IAT's Gradation results fall within the minor difference category. I met with Lev Bekker & George Medved to discuss what could have caused such a large difference on so many sieves. The only clear differences were in the moisture content and the size of the sample. IAT Moisture Content 6.7% and OVT Moisture Content 8.9% It is important to note that both samples were split and washed on the same day. The second difference was in that OVT's sample was considerably large and far exceeded the minimum sample size of 2000g for 3/4". OVT Sample size 3493.1g and IAT sample size 2356.8g. In principle this difference should not cause a difference at all if properly split however I have noticed fluctuations in the larger particle sizes when exceeding the minimum sample sizes by a large margin. The meeting with OVT could not yield a clear reason for the Significant



						<p>Differences but it was agreed that more care would be taken to keep the sample size more reasonable as well as care in recording weights and tares.</p> <p>A retest was performed on 6/16/2020 on a split sample of Aggregate Base Course Class 6 that yielded only minor differences. Both reports are attached.</p>					
Central 70	C 0704-241		IAT Materials Testing		Asphalt Content - Ignition Method per CP-L 5120	<p>During a qualification of IQC Technician Philip Banks a Significant Difference was detected during the Asphalt Content (CP-L 5120) portion of the IAT. The difference exceed the maximum allowable difference of 0.35% with 0.39%. Despite the difference in AC content there were no other differences in Voids/VMA/Rice. After discovering the difference the IQC Lab manager Rebecca Sedlacek (Cochran) and I sat down to brain storm what could have caused the difference. A short discussion yielded a possible answer for the difference, being that the sample was not properly split at the IQC lab before handing off to IAT for</p>	Field Resolved	10/12/2020 2:21:12 PM -06:00	Field Resolved		Closed



						<p>testing. In this case it several cans of mix were obtained on grade from the pavers' auger screws. No remixing and splitting of the multiple cans was performed.</p> <p>Later in the same week an additional sample of the same mix used as detour paving was sampled in the field in order to resolve this matter in the field. The sample was obtained in the same manor as previously described but then properly mixed and split prior to IAT Testing. During this retest there were no significant differences in any of the AC/Rice/Voids/VMA results. It was discussed that upon performing testing with other labs or entities proper mixing and splitting techniques will be utilized to prevent possible Significant Differences in the future.</p>					
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		This work consists of the excavation, and backfill or disposal of all material required for the construction of structures. The excavation and disposal of excavated material for ditches and channels shall be accomplished in accordance with Section 203.	The excavation was performed as required and the excavated material was hauled offsite.	Conformance	1/7/2021 7:38:10 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		This work consists of the excavation, and backfill or disposal of all material required for the construction of structures. The excavation and disposal of excavated material for ditches and channels shall be accomplished in accordance with Section 203.		Work consists of excavating around drilled shafts to expose them, remove casing of drilled shafts, and excavate to elevation for abutment work to continue.	Conformance	1/2/2020 4:38:21 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unless otherwise specified, structure excavation shall include all pumping, bailing, draining, and incidentals required for proper execution of the work.		Structure excavation includes removing all necessary material in place to reach the proper elevation for abutment work to continue. Any pumping or draining will be performed as needed.	Conformance	1/2/2020 4:38:21 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		206.02 (a) 1. Structure Backfill (Class 1) and (Class 2).		Class 1 backfill was used.	Conformance	1/14/2021 9:43:25 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		206.02 (a) 1. Structure Backfill (Class 1) and (Class 2).		The backfill material used was structure backfill Class 1.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		Unsuitable material was removed.	Conformance	8/21/2020 4:29:17 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		No unsuitable foundation material was witnessed	Conformance	9/16/2020 11:15:32 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		There was no unsuitable material found during the excavation.	Conformance	9/17/2020 5:21:23 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		No unsuitable material observed	Conformance	9/16/2020 11:09:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		Material was excavated, and unsuitable material was not used.	Conformance	8/12/2020 12:34:44 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material which is suitable for embankments and suitable surplus excavated material shall be used in the construction of embankments.		Unsuitable material was removed.	Conformance	9/16/2020 11:14:30 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material which is suitable for embankments and suitable surplus excavated material shall be used in the construction of embankments.		The material was hauled of to another construction project outside the Central 70 Project limits.	Conformance	9/17/2020 5:21:23 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable material removed below designed elevation shall be replaced with approved material.		The area was excavated to the appropriate elevation behind the SOE wall for Abutment 1 low overhead drilled shaft installation.	Conformance	9/17/2020 5:21:23 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		Unsuitable material removed below designed elevation shall be replaced with approved material.		Approved Class 2 material was replaced.	Conformance	8/21/2020 4:29:17 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		Unsuitable material removed below designed elevation shall be replaced with approved material.		All unsuitable material was removed.	Conformance	4/30/2020 2:13:58 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Rock, hardpan, or other unyielding material encountered in trenches for culvert pipe or conduit shall be removed below the designed grade for a minimum depth of 12 inches.		No unyielding material was witnessed	Conformance	9/16/2020 11:15:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:58:22 PM - 06:00	The base of structure backfill shall be scarified to a depth of 6 inches and compacted with moisture and density control prior to placement of any structural element or structure backfill.		The manhole backfill underneath the structure was brought up to the appropriate elevation by shoveling native material against aluminum stay-form material on Friday, July 24th. The backfill prior to placing stone was compact with the excavator bucket. The type of compaction shall be the same as required for Structure Backfill (Class 2) which is 95% of maximum dry density. IQC came out on Monday, July 27th and was able to get a passing test.	Field Resolved	7/27/2020 12:58:52 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		The base of structure backfill shall be scarified to a depth of 6 inches and compacted with moisture and density control prior to placement of any structural element or structure backfill.		The base of structure backfill was scarified to the depth of six inches and compacted with moisture and density control prior to the structural backfill being placed as the base for the CBC floor.	Conformance	2/3/2021 8:09:49 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:58:22 PM - 06:00	The type of compaction shall be the same as that required for Structure Backfill (Class 2), as specified below.		Tied to comment #2 above.	Resolved	10/19/2020 10:28:55 AM -06:00	Audit Comment	Passing density was obtained as stated in item 2	Closed
Central 70	C 0704-241	MSE Structure Exc	Walls		The type of compaction shall be the same as that required for Structure Backfill (Class 2), as specified below.		Compaction operation was conducted in the same manner as Class 2 backfill.	Conformance	8/21/2020 4:29:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The type of compaction shall be the same as that required for Structure Backfill (Class 2), as specified below.		Material was compacted, and proof roll was done prior to CIP Wall operations beginning in area.	Conformance	8/12/2020 12:34:44 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		All backfill material was moisture conditioned off-site, no water was used onsite.	Conformance	5/11/2020 10:44:01 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Excessive water was not used	Conformance	9/3/2020 3:24:52 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The excessive use of water during backfilling operations will not be permitted.		I did not observe the contractor using excessive water during the backfilling operation.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The excessive use of water during backfilling operations will not be permitted.		I did not observe the contractor using too much water during the backfill operation and the moisture content was within specification on the nuclear density gauge tests.	Conformance	9/11/2020 9:59:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		I did not observe excess water being used during the backfilling operation.	Conformance	2/3/2021 8:10:16 AM -07:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Excess water was not used during the backfilling process.	Conformance	2/3/2021 8:09:49 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Limited water was used only when necessary	Conformance	3/15/2021 1:19:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		The contractor used flowfill for the abutment 5 phase 5A backfill.	Conformance	1/26/2021 9:08:54 AM -07:00	C		Closed

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Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Excessive use of water was not observed during the backfill of the wall.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		I did not observe the contractor using equipment or methods that caused excessive displacement or damage to the wall.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		I observed proper equipment and compaction methods being used during backfilling of wall 202-W1.	Conformance	2/3/2021 8:10:16 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Compaction equipment was adequate for structure.	Conformance	4/27/2021 8:38:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Compaction was completed without excessive horizontal or vertical earth pressures against structures.	Conformance	3/9/2021 3:54:45 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Proper compaction equipment was used, so that no excessive displacement or overturning was observed.	Conformance	5/11/2020 10:44:01 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Excessive equipment was not used.	Conformance	11/2/2020 3:51:12 PM -07:00	C		Closed

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Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The backfill material was not placed against newly constructed concrete structure until it developed the specified compressive strength of 0.8fc.	Conformance	6/22/2020 8:56:23 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Abutment was allowed to reach compressive strength prior to backfill.	Conformance	6/16/2020 12:02:09 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Backfill was not placed until concrete had developed proper strength.	Conformance	5/11/2020 10:44:01 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Strength was meet	Conformance	9/3/2020 3:24:52 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The abutment and the CBC were not recently cast so the concrete had developed 100% of compressive strength.	Conformance	9/11/2020 9:59:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		it was verified that the CIP wall structure was above .80f'c before backfilling was started.	Conformance	1/14/2021 9:43:25 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The backfill material was not deposited against newly constructed masonry or concrete structures.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed

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Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Backfill was not completed until structure gained strength.	Conformance	3/9/2021 3:54:45 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Abutment was cured to proper strength prior to backfill operation beginning.	Conformance	3/29/2021 1:07:35 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Abutment achieved 80% strength prior to backfill beginning.	Conformance	4/27/2021 8:38:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Compressive strength of 0.8f'c as determined by maturity meters was achieved prior to backfill placement.	Conformance	2/3/2021 8:10:16 AM -07:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The CBC had already achieved full strength as determined by maturity meters and sat for over a month prior to backfilling operations.	Conformance	2/3/2021 8:09:49 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The abutment footing had achieved full strength before placement of the flowfill.	Conformance	1/26/2021 9:08:54 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		The concrete wall sat for at least two weeks prior to backfilling operations and had developed a compressive strength of at least 0.8f'c.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed

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Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Concrete compressive strength for structures supporting lateral earth pressure shall conform to subsection 601.12(o). Concrete compressive strength shall be determined by maturity meters.		The concrete had achieved full compressive strength determined by maturity meters before the placement of the flowfill against the structure.	Conformance	1/26/2021 9:08:54 AM -07:00	C		Closed
Central 70	C 0704-241	Railroad Grading	Earthwork		Concrete compressive strength for structures supporting lateral earth pressure shall conform to subsection 601.12(o). Concrete compressive strength shall be determined by maturity meters.		Concrete strength had achieved 100% as determined by maturity meters prior to backfilling.	Conformance	2/3/2021 8:09:49 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill at the inside of bridge wingwalls and abutments shall be placed before curbs or sidewalks are constructed over the backfill and before railings on the wingwalls are constructed.		Backfill was placed prior to any other work progressing around area.	Conformance	5/11/2020 10:44:01 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill at the inside of bridge wingwalls and abutments shall be placed before curbs or sidewalks are constructed over the backfill and before railings on the wingwalls are constructed.		Backfill was placed prior to other items being constructed.	Conformance	11/2/2020 3:51:12 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unless otherwise indicated in the Contract or directed, all sheeting and bracing used in making structure excavation shall be removed by the Contractor prior to backfilling.		The contractor followed the sequence in the shop drawings prior to backfilling the abutment.	Conformance	6/22/2020 8:56:23 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfill was uniformly distributed.	Conformance	11/2/2020 3:51:12 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfill was comprised of Class 1 material.	Conformance	6/16/2020 12:02:09 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Materials were approved and properly graded	Conformance	9/3/2020 3:24:52 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		backfilled appropriately	Conformance	3/20/2020 12:40:44 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Backfill consisted of approved Class 1 material that was uniformly distributed in layers.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		the backfill process was to uniformly backfill the entire wall at the same time in uniform lifts.	Conformance	1/14/2021 9:43:25 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		The backfill consists of an approved backfill material that was uniformly distributed in layers that were brought up on all sides of the structure.	Conformance	9/11/2020 9:59:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Material properly distributed in layers throughout equally before adding more materials	Conformance	3/15/2021 1:19:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Uniform layers were placed.	Conformance	3/29/2021 1:07:35 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill was placed in 6" lifts.	Conformance	3/9/2021 3:54:45 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill layers were done in proper lifts and rolled until density was met	Conformance	3/15/2021 1:19:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		I did not observe the contractor placing layers in excess of 6 inches and did observe the contractor compacting the fill to the required density prior to adding a layer.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		I did not observe the contractor placing layers that exceeded 6 inches in depth and all were compacted to the required density before the next layer was placed.	Conformance	9/11/2020 9:59:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		loose backfill lifts were measured to be 8" in depth and after compaction and meeting 95% density the lift was 6" in depth.	Conformance	1/14/2021 9:43:25 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Each layer of backfill did not exceed 6 inches and was compacted to the required density before successive layers were placed.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		The drainage crew performing the backfill of the structure was observed placing the lift of class 1 at 1'. IQC was contacted and the issue was addressed.	Field Resolved	8/12/2020 12:35:07 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Wet (Sanitary Sewer)	Utilities		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		proper lift placement	Conformance	3/20/2020 12:40:44 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill was properly placed	Conformance	9/3/2020 3:24:52 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill was placed in 6 inch lifts, and compacted prior to next lift being placed.	Conformance	6/16/2020 12:02:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 material was compacted to proper density.	Conformance	11/2/2020 3:51:12 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 structure backfill was compacted to a density of not less than 95 percent of maximum dry density.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Density tests were performed and passed.	Conformance	2/8/2021 2:08:53 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 was compacted to proper density.	Conformance	3/29/2021 1:07:35 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Class 1 material was compacted within 2% of OMC.	Conformance	3/9/2021 3:54:45 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Optimum Moisture Content was achieved on all tests taken.	Conformance	2/8/2021 2:08:53 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		According to the technician, the class 1 backfill was within ± 2 percent of optimum.	Conformance	2/26/2021 10:19:25 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Class 1 backfill material was compacted at ± 2 percent of optimum moisture content.	Conformance	9/23/2020 10:17:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		The backfill was compacted at +/-2 percent of OMC according to the nuclear density gauge tests that were performed.	Conformance	9/11/2020 9:59:07 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure Backfill (Flow-Fill) shall not be compacted.		Flowfill was not compacted	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The maximum layer thickness for Structure Backfill (Flow-Fill) shall be 3 feet unless otherwise approved by the Engineer.		First lift of backfill was approximately 3 feet.	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The Contractor shall not place Structure Backfill (Flow-Fill) in layers that are so thick that they cause damage to culverts, pipes, and other structures or that they cause formwork or soil failures during placement.		No damage occurred.	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The Contractor shall sample and test the first three loads of Structure Backfill (Flow-Fill) for each placement and then randomly once every 50 cubic yards.		No tests were performed. IQC was onsite to witness the entirety of the pour. Flowfill is accepted by COC on the project.	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		When Structure Backfill (Flow-Fill) is placed in areas that require future excavation, the unit weight of the placed Structure Backfill (Flow-Fill) shall not exceed the unit weight of the approved mix design by more than 2.0 pounds per cubic foot.		No tests were performed. IQC was onsite to witness pour. Flowfill is accepted by COC on the project.	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure Backfill (Flow-Fill) shall not be allowed to freeze during placement and until it has set sufficiently according to ASTM D6024.		The flow fill was placed when the temperature was well above freezing and it did not drop below freezing.	Conformance	6/22/2020 8:56:23 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure Backfill (Flow-Fill) shall not be allowed to freeze during placement and until it has set sufficiently according to ASTM D6024.		Temperatures were not in the freeze range for this to occur.	Conformance	4/24/2020 8:42:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Construction requirements for filter material for subsurface drains shall conform to the applicable requirements of Section 605.		Met	Conformance	9/3/2020 3:24:52 PM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		The Temporary SOE in this location was stay in place soil nail and did not require removal	Conformance	11/3/2020 4:09:45 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		This work consists of shoring specific areas designated in the Contract.		The shoring and ties were installed in the specific area designated in the contract.	Conformance	7/2/2020 8:01:03 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		The Temporary shoring in this location was soil nail and was not removed	Conformance	11/5/2020 11:33:12 AM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		The temporary shoring in this location was a stay in place soil nail and temporary MSE wall and was not removed.	Conformance	11/5/2020 11:32:45 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The Contractor located, sized, designed, and constructed shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.	Conformance	6/26/2020 8:36:18 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The reviewed drawings with location, size, design were reviewed/closed on 09/24/19. The support of excavation shoring was constructed as shown on the plans.	Conformance	1/13/2020 1:32:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		Shoring drawings were provided by the Contractor to the Engineer.	Conformance	1/13/2020 1:32:45 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		When the height of shoring exceeds 5 feet above the base of the excavation, shoring drawings shall be provided by the Contractor to the Engineer for information only.		The shoring height exceeds 5 feet above the base of the excavation, so shoring drawings were provided by the Contractor to the Engineer for information only.	Conformance	6/26/2020 8:36:18 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		The shoring and ties were constructed in conformity to the plans provided to the engineer.	Conformance	7/2/2020 8:01:03 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		I observed the construction of the SOE shoring and it conforms with the drawings provided to the Engineer.	Conformance	1/13/2020 1:32:45 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Support of Excavation	Earthwork	4/6/2020 4:27:24 PM - 06:00	Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		Per General Note 11. Lagging - A.C. Pedestrian Wall Window: 2" Thick timber on the west side and 4" Thick timber on the east side. 2" Thick timber is present throughout, and is not behind wall. The east side should be 4" thick timber. See attached approved plan sheet drawing for reference (Sheet 6 of 13). The Department has brought up in discussion with KMP field personnel to have addressed multiple times.	KIE's inspection will be added to NCR 1856 prior to closure.	9/1/2020 3:17:51 PM -06:00	Audit Comment	Micah with KIE has walked and inspected the wall since this audit. Any concerns were addressed. UPDATE 6/25/20 it is my understanding that the shoring concerns have been addressed.	Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring drawings shall include 206.09 items (1) through (5).		All applicable items from section 206.09 were addressed in the showing drawings.	Conformance	1/13/2020 1:32:45 PM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	12/9/2019 12:15:53 PM - 07:00	Slump Cone per AASHTO T 119		The technician failed to perform the Slump test(AASHTO T119) during his random acceptance testing of the 3rd load. Due to this his estimate of the slump (3") was wildly inaccurate. My testing of the concrete slump was yielded a measurement of 0.75", typical of slip form paving mixes. This difference of 2.25" exceeds the maximum allowable difference of 0.5".	IAT is working closely with IQC to get this individual retested on the both air content (AASHTO T152) as well as Slump (AASHTO T119). IAT will be switching to night shift to get this accomplished.	1/14/2020 1:48:38 PM -07:00	Audit Comment	Alpha is not going to be testing concrete until he get trained and talk to about basic ACI testing. At this time he is doing something else in the project.	Closed

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Central 70	C 0704-241		IAT Materials Testing		Slump Cone per AASHTO T 119		During the slump (AASHTO T119) portion of a random IAT, a Significant differences >0.5 inches was discovered. Aaron Vong the IQC representative was asked about his result and if he could think of any reason for the difference. He informed IAT that due to the nature of the crowded testing area he was unable to find a level spot and was forced to perform the test on a slant. This seems like a very plausible reason for the difference. A retest was performed on AASHTO T119 1 week later which yielded and acceptable difference. The technician was reminded of the importance of setting up equipment properly to ensure consistent and reliable acceptance results.	Field Resolved	1/7/2021 1:35:32 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:09:58 PM - 06:00	Slump Cone per AASHTO T 119		While qualifying Chris Barry (Kleinfelder) a difference of 1.0" was observed during the Slump (AASHTO T119) portion of the test. IAT & IQC personnel used concrete from the same wheelbarrow and with no visible segregation of the	concur	10/1/2021 1:17:16 PM -06:00	Audit Comment	After it came to our attention, IQC removed Chris Barry from the schedule for one day and scheduled a meeting with Chris	Closed



mix. Chris Barry was informed that the difference was large to deem it significant and a retest on AASHTOT 119 would need to be performed in the near future.

During the retest of Chris Barry approx.. 1 week later a sample was obtained and shared much in the same manner as the previous test. This time a significant difference was observed on the Air Content portion.
 IQC Air Content : 7.8%
 IAT Air Content : 6.4%
 Chris was observed insufficiently filling his air meter after filling and striking off the concrete from the measure prior to reaching initial pressure. Since there were air bubbles that were not removed the Air content rose causing the significant difference. Once Chris opened his petcocks the usual spray of water was not present. This led me to confirm my suspicion that all the air was not removed per the specification. IAT asked Chris if he would mind rerunning the test from this failed step forward. He obliged

for Training and also second meeting with Chris and IAT for talking about the field result. I asked IAT to reschedule an IAT Test the next day. after that everything went well.



and this time results were exactly the same @ 6.4%. However when reporting his results he failed to report his new number of 6.4% instead opting for his original number causing an addition significant difference. The importance of reporting the correct result was explained to Chris by IAT. And then relayed to IQC Lab managers Mike Moore & Mahdi Almahasnah, which was reiterated. The reporting as well as the failure to perform the test properly warrant further retesting.



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:09:58 PM - 06:00	Air Content - Air Meter per AASHTO T 152		Due to the significant difference observed during the Air Content portion of the retest an additional retest had to be performed. During this retest, all tests were performed per specification and within the allowed tolerance.	concur	10/1/2021 1:17:19 PM -06:00	Audit Comment	After it came to our attention, IQC removed Chris Barry from the schedule for one day and scheduled a meeting with Chris for Training and also second meeting with Chris and IAT for talking about the field result. I asked IAT to reschedule an IAT Test the next day. after that everything went well.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		Air Content - Air Meter per AASHTO T 152		A significant difference of greater than 0.5% (7.0% IQC & 7.6% IAT) was detected during the qualification of Lesly Bautista for 608 Concrete. During the test Leyla appeared to follow AASHTO T152 however she required some instruction from a more senior IQC representative. She was also unfamiliar with the process of acceptance with there being no Process Control present. This was explained to her on site by myself and Manuel Giron as well as relayed to IQC Lab manager Mahdi Almahasnah for further explanation and training. A retest was performed the following day on the same item. This time there was not significant difference and Lesly appeared to be feeling ore comfortable with her role. Additional testing will occur at a time TBD by IAT personnel. At this time I feel comfortable she understands the correct process for testing as well as acceptance.	Field Resolved	5/28/2021 8:47:41 AM -06:00	Field Resolved		Closed

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Central 70	C 0704-241		IAT Materials Testing	12/23/2019 9:22:44 AM - 07:00	Air Content - Air Meter per AASHTO T 152		A significant difference exceeding the allowable 0.5% differences was detected during the testing of air content of 608 sidewalk concrete. The Technician, Matt Lorenz was observed performing the air content test per AASHTO T152 but a significant difference of 0.7% was discovered. Due to eliminating variables in sampling and observations of the testing the air meter is thought to be out of calibration. Similiar unit weights were observed by PC, IQC & IAT. This supports this theory. A retest will be completed as soon as possible.	IAT performed a retest on the technician. There were only minor differences observed during this test. IAT is working with IQC to take a closer look at individual air meters in the future. The retest report is attached.	1/14/2020 1:45:37 PM -07:00	Audit Comment	IQC Tech mistakenly took Equipment were not calibrated at that time. Therefore, IQC took steps to prevent this from happening. The air meter was calibrated afterward, Equipment now are assigned to each tester and they will calibrate them every 3 months or if needed.	Closed
Central 70	C 0704-241		IAT Materials Testing	12/9/2019 12:15:53 PM - 07:00	Air Content - Air Meter per AASHTO T 152		A Significant difference exceeding the max allowable difference of 0.5% (IAT - 6.0% & IQC - 6.8%) during the air content(AASHTO T152) portion of the qualification. This difference could be attributed to several factors: First, and what i feel to be the most important is that during my observation of Alpha's testing methods during his second fixed test, I observed his lift	IAT is working closely with IQC to get this individual retested on the both air content (AASHTO T152) as well as Slump (AASHTO T119). IAT will be switching to night shift to get this accomplished.	1/14/2020 1:48:32 PM -07:00	Audit Comment	Alpha is not going to be testing concrete until he get trained and talk to about basic ACI testing. At this time he is doing something else in the project.	Closed



thicknesses varied greatly while filling the air meter. His rodding was sporadic and he struck the bottom of the meter forcefully several times. On his 3rd and last lift he under-filled the pot and rodded all the way to 25. Realizing that he was short he simply added an additional scoop of concrete and rodded 6 or 7 more times. This differs from AASHTO T152 in that each lift shall only be rodded 25 times. In this case Alpha should have started over or added more material before reaching the 25 rod limit. I informed Alpha that what he had just done was not the correct way to perform this test.

Second, is that sampling during the testing of the 3rd (Random Acceptance) load, was not a true split sample due to us sampling in tandem fashion one right after another. I don't believe this was sufficient enough to cause such a large 0.8% difference because OVT's George Medved was on site and also tested the truck sampling just after me. Our numbers

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Central 70	C 0704-241		IAT Materials Testing	3/5/2020 8:41:00 AM - 07:00	Air Content - Air Meter per AASHTO T 152		were much closer just 0.1% difference.						
							<p>A significant difference of greater than 0.5% (6.4% IQC & 5.6% IAT) was detected during a qualification of Noe Avitia on 601 Concrete. Noe and I both pulled our samples from the same wheelbarrow while PC sampled independently but just seconds before ours. We both performed our tests quickly as we were planning on fabricating our cylinders back at the IQC lab and were concerned about the 15min time limit. In the rush to complete the test quickly the filling of the air pot with concrete and then water seemed to be the cause of the difference. By filling the pot with less of the rock and more of the cement/slurry material it can cause a difference in unit weight and subsequently air content. Noe's lighter unit weight of 35.3 compared to PC & IAT's value of 36.1 & 36.2 respectively contributed to the significant difference. It was also observed that Noe failed to top off the petcocks with water after pumping</p>	<p>A retest was performed and only minor differences were detected. The report is attached.</p>	5/16/2020 8:03:18 AM -06:00	Audit Comment	<p>after the Audit on Noe, IQC Manger had meeting with Noe about it to go through training and expectation from him to follow the ASSHTO & CDOT spec. Jesse did audit on Noe in the field and he passed the internal competency evaluation. Later on CDOT, IAT, AND IQC had meeting with Noe explaining the importance of IAT. After the meeting Ben H, Rebecca, Jesse witness IAT audit on Noe, result passed. From now on IQC Mangers will work with IAT for requesting the yearly IAT Audit</p>	Closed	



							<p>up to initial pressure. By failing to remove and air bubbles trapped in the top of the meter it can cause an inaccurate reading with a higher result.</p> <p>I ruled out the air meters calibration being the cause of the difference after Mahdi informed me that the air meter was calibrated sometime in January and was checked with a 5% air "bomb". To avoid this kind of issue in the future the tester should slow down the process and insure the proper selection of material from the sample. This extra step of ensuring that all of the air is removed from the airpot after reaching initial pressure is often overlooked by technicians in a hurry but can cause inaccurate results and may even be the difference between accepting and rejecting a load of concrete.</p>				on testers.
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing		Air Content - Air Meter per AASHTO T 152		<p>It was observed during a qualification of Tedele G on 601 concrete that his air meter receptacle was caked with dried concrete. This would cause the unit weights being reported to be incorrect. It may or may not cause inaccurate results during the AASHTO T152 portion of the test. In this case there was no Significant Difference. However do to the caked on concrete the air meter would not calibrate properly. IAT assisted the technician in cleaning his air meter and fixing a slow leak in the pressure chamber. Unfortunately the meter could not be cleaned all the way and a new one was given to the tech. An up to date calibration form was provided to IAT and a Retest was performed. Only minor differences were detected. The importance of cleaning and proper care as well as calibration was relayed to all technicians by their managers.</p>	Field Resolved	5/26/2020 9:21:57 AM -06:00	Field Resolved		Closed



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Central 70	C 0704-241		IAT Materials Testing		Air Content - Air Meter per AASHTO T 152	<p>A significant differences >0.5% was observed during the AASHTO T152 portion of a 601 concrete qualification. One sample was obtained with IAT's wheelbarrow, remixed and tested by both parties. A difference of 0.9% was observed. Both IQC and PC had very similar results. Both tests were passing so the pour proceeded. I immediately took a look at my air pots calibration while in the field. I performed a 5%, 10% and 15% displacement while in the field with passing results. After cleaning up our gear Feras was asked to take a look at his Air meter's calibration. The following day a newly performed calibration sheet was provided to IAT. A retest of 601 concrete was performed with Feras on 5/19/2020 with passing results. Both reports are attached.</p>	Field Resolved	5/27/2020 1:05:11 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241		IAT Materials Testing		Compressive Strength - Compressive Strength per ASTM C 39	<p>During a random qualification test of IQC lab representative Leo Rodriguez, a significant difference greater than 10% of IAT's avg 28-day strength was</p>	Field Resolved	6/8/2020 10:19:34 AM -06:00	Field Resolved		Closed



detected. The difference exceeded the allowable by a large margin at 20.9%. After speaking to IQC's lab manager Mahdi it was concluded that the cause was due to each groups compressive strength specimens being stored in different locations in conjunction with the IQC cylinders not being picked up for 3 full days being left over the weekend. 3 days exceeds the limit in which specimens are supposed to be stripped of their molds and into a temperature controlled water bath. In this case there was cold weather and may have been negatively affected by low temperatures. IQC representative Landon Pentland could not accommodate IAT's specimens and they had to be brought to our field lab and cast. IAT and IQC continue to work at keeping the initial cure as close to the same as possible. In addition to the continued work of keeping initial cure the same there has been an increased effort to hold the testers who make

							<p>this specimens accountable for their stripping and logging in a timely fashion. A retest of both Leo on Compressive Strength and Landon on fabricating cylinders was performed with only minor differences.</p>					
Central 70	C 0704-241	IAT Materials Testing	9/21/2020 12:00:00 AM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39			<p>The Significant Differences discovered during the Round Robin testing appeared to be from possible sampling issues as well as actual fabrication of cylinders. It was discovered that a true split of the sample was not performed by the IQC and IAT individual. This in addition to rushing during the fabrication process may have caused such a significant difference. A retest was performed on on the next available set of Compressive strength Specimens with only minor differences. A retest on the IQC individual who fabricated will be performed as soon as possible. Addition Round Robin testing will also be performed where careful adherence to the spec will be followed.</p>	Field Resolved	9/22/2020 8:26:39 AM -06:00	Field Resolved		Closed

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Central 70	C 0704-241		IAT Materials Testing	3/30/2020 4:58:08 PM - 06:00	Compressive Strength - Compressive Strength per ASTM C 39		The difference between the average 28-day strength of IAT's(7760psi) & IQC's(6620psi) compressive strength specimens exceeded the max allowable difference of 10% at 13.6%. Mahdi Almahasnah was the tech who physically broke the cylinders however after discussion it seems unlikely that the difference was caused by the cylinder breaking equipment or initial curing/handling. Both sets of cylinders were fabricated at the IQC lab and had virtually identical curing conditions until the break date on 3/21/2020. Because these cylinders were fabricated during a qualification with Noe Avitia, where a significant difference was also discovered the 2 are very likely related. After sampling with IAT's wheelbarrow the sample was mixed and Noe obtained his sample. The portions of concrete obtained by Noe may have had a smaller portion of aggregate and more of the concrete slurry mixture. After testing, the remainder of the sample was used to	Several Retests have been performed with Mahdi on Compressive strength with only minor differences. IAT & IQC will continue to monitor that the process of fabricating and curing cylinders is being followed.	5/16/2020 8:08:07 AM -06:00	Audit Commen t	by comparing 7 days break to 28 days break, we see 7 days break were low to make what IAT got at 28 days. Cylinders were cured and broke per the spec. Unfortunat ely we can not tell if cylinders were cast correctly or maybe sample was not mixed but we believe this could have been the issue. on the same day Mahdi Broke another cylinders and matched with IAT on different field tester.	Closed
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						fabricate these cylinder which would also have less aggregate and a lower compressive strength.					
Central 70	C 0704-241		IAT Materials Testing		Aggregate Base Compaction - M/D Gauge per CP 80	<p>During the qualification of Dan Cannan on 304 Class 6 the technician was observed to not follow CP80 during the acceptance test. Upon arrival the Technician had already completed their testing and I was unable to observe. This was not ideal but I proceeded with the test to verify the gauge was accurate. Upon questioning Can about his test results he informed me that he only performed two, 1 minute tests to get his average. CP80 requires Four, 1-minute tests and an average. He indicted that this was his standard procedure. At this time we decided that it was best for him to find a new place to test, allowing his procedure to be observed properly. This time the test was completed per CP 80.</p> <p>During qualifications of other testers I have heard questions such as</p>	Field Resolved	7/8/2020 8:25:06 AM -06:00	Field Resolved		Closed



						<p>"You want me to run 4 tests, Right?" or "should I turn the guage 90 degrees?" That indicated to me that maybe some individuals were not performing acceptance testing per CP80 every single time. My concerns were brought to the attention of Billy Swanson after the test with Dan Cannan. We talked about where the confusion may have come from and what to do about it. Since WAQTC is a requirement to perform CP80 acceptance testing and it requires only two, 1-minute tests; some individuals may be following WAQTC instead of CP80. He then issued an email to each one of the technicians in the field with a statement about following CP 80 and attached a copy of the specification. At this time a retest was already performed on Dan Cannan so no further action is needed.</p>					
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.	CDOT COMM MH lid installed as required	Conformance	6/22/2020 11:40:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		Manhole lid is labeled CDOT COMM	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		ITS manhole lid cast with CDOT COMM in lid	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		ITS MH lid is cast with CDOT COMM on lid	Conformance	6/23/2020 2:00:06 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		CDOT ITS MH has a lid with "CDOT COMM" cast into lid	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		MH is installed with a detachable, skid resistant cover that is labeled "CDOT COMM"	Conformance	2/5/2020 9:28:06 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		ITS MH has lid that has "CDOT COMM" cast into lid	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		Manhole lid is skid resistant and is cast with "CDOT COMM" into lid	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM - 07:00	The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		Manhole cover is skid resistant and is cast with "CDOT COMM" into lid	Conformance	2/17/2021 9:22:45 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Manhole TMS shall have a detachable cover that has a skid-resistant surface and have the words "CDOT COMM" cast on top of cover.		The manhole lid is equipped with a skid resistant lid marked "CDOT COMM"	Conformance	7/2/2021 9:52:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management system is in a box inside the manhole and not installed. Please provide feedback regarding when the system will be installed. Previous response from KMP to install management system when fiber work is in progress is acceptable. NO FURTHER ACTION REQUIRED.	Conformance	7/2/2021 9:52:51 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management hooks installed as required	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM -07:00	Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management equipment(hooks and hardware) are in a box inside the manhole but not installed. Please respond with comments as to when this will be complete.	Response acceptable	3/24/2021 10:34:38 AM -06:00	Audit Comment	The Hook and Hardware will be installed once the fiber has been installed and all strands pass testing.	Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber cable management hangers installed	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber cable management installed into MH	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management hangers installed per spec	Conformance	2/5/2020 9:28:06 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management system installed as required	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management hanger system installed as required	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management system installed as required	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Fiber management hangers and hooks for fiber coils and splice canisters shall be of sufficient quantity to hang each backbone and lateral cable installed in the Manhole TMS separately		Fiber management hook system installed as required	Conformance	6/22/2020 11:40:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite installed under base of manhole	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite installed at manhole base as required	Conformance	6/22/2020 11:40:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite installed under base of manhole as required	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" Granite installed under base of Manhole TMS as required	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of Granite installed before manhole placed in the ground	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of gravel was laid before manhole was dropped into hole	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		13 inches of granite gravel installed below manholes in area	Conformance	2/5/2020 9:28:06 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		12" of 3/4" granite used at base of manhole as required	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be placed below the Manhole TMS.		Manhole installation met requirements regarding 12" of 3/4" granite under base.	Conformance	7/2/2021 9:52:51 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		In pavement and sidewalks, the top of the Manhole TMS shall be flush with the existing or final proposed grade.		Sidewalk survey team called to verify positioning of manhole and elevation.	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		In pavement and sidewalks, the top of the Manhole TMS shall be flush with the existing or final proposed grade.		Manhole installed flush into sidewalk	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Outside of pavement and sidewalks, the top of the Manhole TMS shall be 2 inches above existing or final proposed grade.		Manhole installed to be 2" above final grade	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Outside of pavement and sidewalks, the top of the Manhole TMS shall be 2 inches above existing or final proposed grade.		Manhole installed outside of pavement/sidewalk and is installed as required to finished grade	Conformance	6/22/2020 11:40:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Outside of pavement and sidewalks, the top of the Manhole TMS shall be 2 inches above existing or final proposed grade.		Manhole is 2 inches above final grade.	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM -07:00	Outside of pavement and sidewalks, the top of the Manhole TMS shall be 2 inches above existing or final proposed grade.		Manhole in conformance with minimum requirements	Conformance	2/17/2021 9:22:45 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM -07:00	Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill is in conformance of section 206	Conformance	2/17/2021 9:22:45 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill around manhole is in compliance with section 206	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill conforms with section 206 Structure backfill	Conformance	7/2/2021 9:52:51 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill completed in accordance with SEC206 structure backfill	Conformance	2/5/2020 9:28:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill is in accordance with SEC206 Structure Backfill	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill is in conformance with SEC206 Structure Backfill and was tested in lifts.	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Backfill around manhole was compacted and brought to grade in lifts	Conformance	6/22/2020 11:40:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Flowfill used to backfill around manhole and meets CDOT requirements.	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Manhole TMS backfilled using flowfill mix FF0100	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Backfill around the Manhole TMS excavation shall conform to Section 206, Structure Backfill (Class 2).		Flowfill poured around manhole with FF0100 mix	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Contractor shall coil the fiber cable per the manufacturer's recommendations.		Fiber is coiled in manhole per manufacturer specifications and does not exceed manufacturer recommended bend tolerance.	Conformance	7/2/2021 9:52:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		If hangers are not factory installed in the Manhole TMS, the bolts shall be installed in the Manhole TMS walls by means of either an epoxy compound or expansion type fitting.		Expansion fittings used to install fiber optic cable management in MH	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		If hangers are not factory installed in the Manhole TMS, the bolts shall be installed in the Manhole TMS walls by means of either an epoxy compound or expansion type fitting.		Hangers are installed with expansion fittings	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		If hangers are not factory installed in the Manhole TMS, the bolts shall be installed in the Manhole TMS walls by means of either an epoxy compound or expansion type fitting.		Bolts installed for fiber management racks	Conformance	2/5/2020 9:28:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit entering manhole is elevated	Conformance	2/5/2020 9:28:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit enters manhole in sweeps.	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit sweeps into manhole	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit is swept into manhole from three directions and was cut at a length of 6" inside manhole	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit entering manhole in sweeps and cut 6" in length inside manhole	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit enters manhole in sweeps and is cut to a 6" length when final.	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit enters manhole as required by CDOT specifications	Conformance	2/26/2021 9:30:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	2/17/2021 9:26:18 AM -07:00	Conduit entering the Manhole TMS base shall have sweeps attached so conduit entrance is elevated a minimum of 6 inches above the bottom of the Manhole TMS.		Conduit entering manhole is in conformance with CDOT specifications.	Conformance	2/17/2021 9:22:45 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduit plugged immediately upon completion	Conformance	6/22/2020 11:41:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduit plugs installed immediately upon completion	Conformance	6/23/2020 2:00:44 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduit plugs installed immediately upon completion	Conformance	6/23/2020 2:00:07 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduit plugs installed immediately upon completion.	Conformance	2/6/2020 1:15:27 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduit plugs installed immediately upon manhole completion.	Conformance	2/6/2020 1:31:58 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Capping and sealing the conduits.		Conduits were completed and finished with conduit plugs.	Conformance	2/5/2020 9:28:07 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		CDOT conduit is Sch 80 HDPE and the Zayo conduit is PVC.	Conformance	3/23/2020 3:27:03 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Conduit installed in duct bank was both PVC and HDPE. Conduit was installed by open trenching and encased with BZ concrete and flow fill above the BZ.	Conformance	3/17/2020 3:14:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Zayo two 6" conduit are PVC and remaining six 2" conduit are HDPE	Conformance	7/24/2020 8:57:34 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Zayo 6" is PVC and CDOT and CCD 2" is HDPE as required	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		The duct bank was placed in an open trench with JW Eagle conduit. Please see attach pictures to comment #2.	Conformance	10/21/2020 1:17:10 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		The ductbank was installed using the open trench method.	Conformance	10/8/2020 9:21:53 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		The ductbank was installed by an open trench method. The pipe material was JW Eagle PVC. Please reference the attached plan sheets and pictures for the installation.	Conformance	9/8/2020 9:27:40 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Conduit was installed in an open trench. Conduit was HDPE and PVC.	Conformance	8/10/2020 8:22:58 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit was bored in just west of Monoco to Airlawn	Conformance	7/28/2020 4:17:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Installed as required	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit used is HDPE as required.	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Electrical conduit is HDPE as required.	Conformance	8/24/2020 11:59:11 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit within bore is HDPE	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit was bored in and keep as a bundle. Seven 2" and two 6" conduits were installed per plan.	Conformance	7/9/2020 11:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit that was used in bore is HDPE	Conformance	4/2/2020 10:38:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit was bored from Josephine St east and west toward York and Columbine.	Conformance	7/7/2020 8:58:47 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Electrical conduit installed using a trenchless technology such as directional boring shall be HDPE.		Conduit within ITS boreshot is HDPE	Conformance	3/20/2020 8:43:01 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore logs submitted to KMP	Conformance	4/2/2020 10:38:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore logs submitted into Aconex	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Boring log submitted within ACONEX	Conformance	8/24/2020 11:59:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore logs submitted into ACONEX on a weekly basis. Bore logs kept during operation on site.	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		During construction operations, the Contractor shall maintain boring logs that include the depth at specific distances along the bore. Boring logs shall be submitted on a weekly basis.		Bore Logs submitted within ACONEX	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Conduit splices shall be kept to a minimum and all such locations shall be Approved and inspected by the Engineer and the authority having jurisdiction.		Two conduit splices approved by CDOT representation.	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit splices shall be kept to a minimum and all such locations shall be Approved and inspected by the Engineer and the authority having jurisdiction.		Splices were kept to a minimum and GPS before being backfilled.	Conformance	7/28/2020 4:17:54 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit splices shall be kept to a minimum and all such locations shall be Approved and inspected by the Engineer and the authority having jurisdiction.		Splices at each end of bore approved by the department	Conformance	7/24/2020 8:58:53 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit splices shall be kept to a minimum and all such locations shall be Approved and inspected by the Engineer and the authority having jurisdiction.		Conduit Spliced together to minimize area of possible future fault. Splices inspected and passed.	Conformance	4/2/2020 10:38:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs installed immediately upon completion	Conformance	4/2/2020 10:38:57 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs were installed immediately after bore shot was complete.	Conformance	7/9/2020 11:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs were installed immediately after conduit was bored in.	Conformance	7/7/2020 8:58:47 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs were installed after conduit was installed.	Conformance	7/28/2020 4:17:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs installed as required	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Installed as required	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Conduit plugs that are watertight, removable, mechanical and equipped with a tie rope for connection to a pull rope and pull tape shall be supplied and installed in all open conduit ends as soon as the conduit is installed.		Conduit plugs installed as required.	Conformance	8/24/2020 11:59:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits shall use sweeps to elevate the buried conduits to the final grade within a pull box or manhole.		Conduit is swept to final grade.	Conformance	8/24/2020 11:59:11 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits shall use sweeps to elevate the buried conduits to the final grade within a pull box or manhole.		Conduit swept into final confirmation of pullboxes on east side of Steele BLVD.	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits shall use sweeps to elevate the buried conduits to the final grade within a pull box or manhole.		Installed as required	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		Installed as required	Conformance	10/1/2020 1:21:52 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		All conduits are free from Burrs and sharp edges.	Conformance	8/24/2020 12:37:19 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		Field resolved with SECO. Because conduits are not yet in their final configuration(within pullboxes), the conduit ends are not free of sharp ends/burrs. Once conduits are cut to be placed within pullboxes they will be free of sharp edges/burrs. SECO has been good thus far with their conduit installation into pullboxes so I have no doubt this will be completed correctly.	Field Resolved	8/24/2020 11:59:11 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		Conduits were cleaned up before plugged and sharp edges were removed.	Conformance	7/7/2020 8:58:47 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All conduits ends shall be free from sharp edges and burrs.		Conduit is free from sharp edges/burrs	Conformance	4/2/2020 10:38:57 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		Pull box lid has "CDOT COMM" and "EMS MARKER EMBEDDED IN COVER" cast into it	Conformance	2/6/2020 2:51:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		Pull box lid is labeled "CDOT COMM" and also labeled "EMS MARKER EMBEDDED IN COVER"	Conformance	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box. The granitegravel shall be free of dirt and debris and spread evenly to facilitate a level base for the pull box.		Granite installed per specifications	Conformance	2/6/2020 2:51:36 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		A minimum of 12 inches of ¾ inch granite-gravel shall be installed as a base for the pull box. The granitegravel shall be free of dirt and debris and spread evenly to facilitate a level base for the pull box.		Granite installed per specifications	Conformanc e	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Wire mesh shall be installed in to completely surround the box.		Wire mesh installed	Conformanc e	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Wire mesh shall be installed in to completely surround the box.		Wire mesh installed per specifications	Conformanc e	2/6/2020 2:51:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Three sides of the concrete apron shall measure 12 inches wide by 6 inches deep and one side shall measure 18 inches wide by 6 inches deep.		Correct apron installed per specifications	Conformanc e	2/6/2020 2:51:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Three sides of the concrete apron shall measure 12 inches wide by 6 inches deep and one side shall measure 18 inches wide by 6 inches deep.		Concrete apron is per specifications	Conformanc e	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The apron side measuring 18 inches wide by 6 inches deep shall be located on the edge of the pull box furthest from the roadway, and shall contain a 4 inch diameter round knockout for fiber optic location marker installation.		Concrete apron is installed correctly in association to the roadway	Conformanc e	2/6/2020 2:49:12 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Structural Carbon Steel. Structural carbon steel for bolted or welded construction shall conform to AASHTO M 270 (ASTM A 709) Grade 36. Material supplied for main members in tension as designated in the Contract shall meet a longitudinal Charpy V-notch (CVN) value of 15 foot-pounds at 40 °F. Testing shall be in accordance with AASHTO T 243 (ASTM A 673). The H frequency of heat testing shall be used.		The steel deck plates used for the bridge deck conform to AASHTO M 270 (ASTM A 709) Grade 36.	Conformanc e	7/30/2021 8:03:07 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Structural Tubing. Steel base metal to be used for tubular structures, including bridge rail, shall conform to the plans or AWS D1.1 section 5.2.1. The grade and specification to be used shall be specified in the Contract.		Steel base metal to be used for tubular structures conforms to AWS D1.1 section 5.2.1 and to the M-S Standards.	Conformanc e	12/10/2019 2:04:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolts. Bolts not otherwise specified in the Contract shall be zinc plated and meet the requirements of ASTM A 307 for Grade A Bolts. Bolts shall have single self-locking nuts or double nuts unless otherwise specified in the Contract. Beveled washers shall be used when bearing surfaces have a slope exceeding 1:20 with respect to a plane normal to the bolt axis.		All bolts used meet the requirements of ASTM A307/A325 and have self locking or double nuts.	Conformance	12/10/2019 2:04:39 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Bolts. Bolts not otherwise specified in the Contract shall be zinc plated and meet the requirements of ASTM A 307 for Grade A Bolts. Bolts shall have single self-locking nuts or double nuts unless otherwise specified in the Contract. Beveled washers shall be used when bearing surfaces have a slope exceeding 1:20 with respect to a plane normal to the bolt axis.		Bolts are zinc plated and meet the requirements of ASTM A 307 for Grade A bolts. Bolts have single self-locking nuts.	Conformance	3/3/2021 1:17:50 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		Galvanized and Metallized Steel. When shown in the Contract, structural steel shall be galvanized in accordance with AASHTO M 111. Steel surfaces to be metallized shall be coated in accordance with AWS C2.2, Recommended Practice for Metallizing with Aluminum and Zinc for Protection of Iron and Steel. When the Contract specifies galvanizing, metallizing may be substituted.		The conduits and hardware are all galvanized in accordance with AASHTO M 111.	Conformance	3/3/2021 1:17:50 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Galvanized and Metallized Steel. When shown in the Contract, structural steel shall be galvanized in accordance with AASHTO M 111. Steel surfaces to be metallized shall be coated in accordance with AWS C2.2, Recommended Practice for Metallizing with Aluminum and Zinc for Protection of Iron and Steel. When the Contract specifies galvanizing, metallizing may be substituted.		The structural tubing used in the sign structures is galvanized according to AASHTO M111.	Conformance	12/10/2019 2:04:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Mill Test Reports. The fabricator shall furnish the quality assurance inspector with copies of the certified mill test reports on all material that will be used. Mill test reports shall be furnished prior to cutting of the steel or any other fabrication. The fabricator may furnish, with the approval of the Engineer, material from stock, provided it can be identified by rolling direction (where orientation is specified), heat number, and mill test reports.		Mill test reports were supplied by the fabricator for all materials used for the deck plates.	Conformance	7/30/2021 8:03:07 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Material which has been used elsewhere shall not be used in any part of this work without written approval or unless specifically provided for in the Contract.		All materials used in the sign structures is new material.	Conformance	12/10/2019 2:04:39 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	UPRR Structures		(h) Certified Mill Test Reports for all mill steel used in the manufacture of the bolts, nuts, and washers. The mill test report shall indicate where the material was melted and manufactured.		CMTR's were supplied with all bolts, nuts and washers.	Conformance	3/3/2021 1:17:50 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Written Practice and Records. The fabricator's Process Control Plan shall detail the nondestructive testing procedures, including the weld identification and location system. It shall also include the fabricator's Written Practice for the Administration of Personnel Qualification and Certification Program in accordance with The American Society for Nondestructive Testing SNT-TC-1A. The written practice shall indicate the specific requirements of the fabricator. Qualification records of all nondestructive testing personnel shall be included in the written practice. Each fabricator's written practice shall be subject to the approval of the QA inspector. All nondestructive test results shall be available for review during fabrication and forwarded to the QA inspector prior to the acceptance of the assembly.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 4:18:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 4:00:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:57:30 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:55:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 4:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 4:13:33 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:10 AM -06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 2:43:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:57 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:16:40 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/12/2020 7:54:20 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder originally failed MT, but a D1.5 approved repair procedure (attached in the traveler papers) was used and it subsequently passed MT. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:03:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:34 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder initially failed MT, but a D1.5 repair procedure (attached in the traveler papers) was performed and the girder subsequently passed MT. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/5/2020 4:07:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:38 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:44:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:32 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/5/2020 4:09:37 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:56:04 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/5/2020 4:08:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:55:06 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/5/2020 4:06:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:10:32 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:49:42 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:22:18 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:47:54 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 4:10:50 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		This girder failed the initial MT and was repaired using a D1.5 approved procedure (attached to the traveler papers), and subsequently passed MT testing. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:41:43 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:42:55 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:50:01 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:54:38 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:52:19 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:51:37 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:51:06 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:52:23 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:47:13 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:51:47 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:49:23 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:51:13 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:48:18 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:47:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:46:40 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:46:08 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:45:38 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:48:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:43:37 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/1/2020 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/10/2020 8:40:19 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/10/2020 8:39:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		T was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 10:01:22 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 10:00:51 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 10:00:10 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:57:35 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:58:25 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:56:47 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:55:04 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	6/9/2020 9:54:08 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:54:06 AM -06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:49:29 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 3:41:12 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/8/2020 2:52:06 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:05 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:40:03 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:43 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:34:30 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:39 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:52:12 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:36:41 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:51:15 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:33:22 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:16 AM - 06:00	Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:23:46 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		Magnetic particle testing was performed (Acuren) using the correct specifications and the correct frequency.	Conformance	7/30/2021 8:03:07 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:41:03 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:40:27 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:39:46 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:37:59 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:39:10 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:38:37 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:37:20 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:36:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:34:19 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:36:41 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:35:29 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 10:36:08 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 2:56:13 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:09:30 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:00:47 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:54:24 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:53:03 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:53:40 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:52:33 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:46:33 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 3:47:59 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:01:07 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 4:05:14 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:02:35 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:14:33 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:13:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:12:42 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:12:05 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:10:34 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:11:27 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:09:45 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:08:34 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:03:32 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:53:13 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:52:19 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:51:43 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:51:18 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:13:49 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:50:52 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:49:41 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/19/2021 4:33:17 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/20/2021 3:15:04 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:57:16 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:56:29 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:52:46 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:54:51 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:56:01 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Magnetic Particle Testing. Magnetic particle testing shall be performed on areas defined in AWS D1.5 and this subsection. Magnetic particle testing shall be conducted in accordance with ASTM E 709 and AWS D1.5, except as amended herein. Alternating current shall be used. The yoke spacing shall be between 2 and 4 inches. The minimum lifting power shall be 10 pounds. Red dry particles shall be used. The light intensity shall meet ASTM E 709, Section 7.		MT was performed on 100% of the flange/web fillet welds, 100% of the bearing stiffeners, 25% of the bent stiffeners, 25% of the straight stiffeners, 25% of the intermediate stiffeners, the bolster and the ends of the girder and it passed, and the documentation is attached to this traveler package.	Conformance	1/26/2021 9:57:38 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:50:46 AM - 06:00	Fillet welds. Each design weld size on main member to main member and secondary member to main member weldments. All stop-starts and weld termini. All linear indications shall further be evaluated with 10x or 30x magnification. Verification shall be resolved by excavation.		This girder had MT field testing performed on it, and there was an indication of incomplete fusion. A D1.5 approved repair procedure (attached to the traveler papers) was performed on the girder and it subsequently passed. MT was later performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:25:42 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	UPRR Structures	5/11/2020 7:53:33 AM - 06:00	Fillet welds. Each design weld size on main member to main member and secondary member to main member weldments. All stop-starts and weld termini. All linear indications shall further be evaluated with 10x or 30x magnification. Verification shall be resolved by excavation.		This girder had MT field testing performed on it, and there was an indication of incomplete fusion. A D1.5 approved repair procedure (included in the traveler package) was used and the girder subsequently passed MT. Later MT was performed on 100% of the flange/web fillet welds for this girder and it passed, and the documentation is attached to this traveler package.	Conformance	5/6/2020 1:41:11 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Process. Welding of steel structures shall conform to AWS D1.5 as amended herein. All web and flange butt joints and web to flange welds shall be made using the submerged arc welding process (SAW). Alloy 'active' fluxes shall not be used in groove welds or fillet welds with more than three passes. Repairs may be made using submerged arc welding or shielded metal arc welding (SMAW). Flux core arc welding (FCAW) will be permitted on secondary to main member attachments when performed in the flat or horizontal positions. Vertical or overhead FCAW shall be limited to only that work approved by the QC inspector.		The FCAW-G welding process used on the UPRR span 2 deck plates conforms to AWS D1.5 amended.	Conformance	7/16/2020 3:26:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Process. Welding of steel structures shall conform to AWS D1.5 as amended herein. All web and flange butt joints and web to flange welds shall be made using the submerged arc welding process (SAW). Alloy "active" fluxes shall not be used in groove welds or fillet welds with more than three passes. Repairs may be made using submerged arc welding or shielded metal arc welding (SMAW). Flux core arc welding (FCAW) will be permitted on secondary to main member attachments when performed in the flat or horizontal positions. Vertical or overhead FCAW shall be limited to only that work approved by the QC inspector.		it was observed that all welding conformed to AWS D1.5.	Conformance	5/5/2021 9:18:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Base Metal Preparation. The preparation of base metal shall be in accordance with AWS D1.5, with the following exception: All mill scale and rust shall be removed from the surfaces of main members on which all welds are made by any process. Surfaces and edges to be welded shall not exceed an ANSI B46.1 roughness value of 500 microinches.		it was observed that the base metal was free of all mill scale and rust, and all surfaces to be welded did not exceed a roughness value of 500 microinches.	Conformance	5/5/2021 9:18:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Base Metal Preparation. The preparation of base metal shall be in accordance with AWS D1.5, with the following exception: All mill scale and rust shall be removed from the surfaces of main members on which all welds are made by any process. Surfaces and edges to be welded shall not exceed an ANSI B46.1 roughness value of 500 microinches.		All base metal preparation was performed in accordance with AWS D1.5 amended as all scale and rust was removed and no surfaces exceeded ANSI B46.1 roughness value of 500 microinches.	Conformance	7/16/2020 3:26:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Temporary Tack Welds. Temporary tack welds will not be permitted on splice plates to facilitate stack drilling. All temporary tack welds not incorporated into the final weld, shall be submitted to the Engineer for approval. Temporary tack welds that are approved shall be removed by grinding such that the plate thickness is not reduced by more than five percent, and tested in accordance with subsection 509.18(c).		Some temporary tack welds were performed and were removed by grinding such that the plate thickness was not reduced and was inspected by the IQC CWI (Eric Drobney).	Conformance	7/30/2021 8:03:07 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		General. Repairs made to correct undercut, craters, undersized welds, porosity, excessive roughness on oxygen cut gouges, and cracks shall not be performed without the knowledge of the PC inspector. Undercut may be prepared by contour grinding when approved by the Engineer. Areas repaired shall be recorded in accordance with AWS D1.5, paragraph 6.5.8. Surfaces that are air carbon arc gouged shall be preheated to a temperature of 200 to 300 °F prior to welding. Cracks removed prior to welding shall be penetrant tested or magnetic particle tested to assure their complete removal before welding. All repairs shall be penetrant or magnetic particle tested for soundness. This requirement applies equally to tack welds.		it was observed that some undercutting was present, the repair procedures highlighted in AWS D1.5 paragraph 6.5.8 were followed.	Conformance	5/5/2021 9:18:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		General. Repairs made to correct undercut, craters, undersized welds, porosity, excessive roughness on oxygen cut gouges, and cracks shall not be performed without the knowledge of the PC inspector. Undercut may be prepared by contour grinding when approved by the Engineer. Areas repaired shall be recorded in accordance with AWS D1.5, paragraph 6.5.8. Surfaces that are air carbon arc gouged shall be preheated to a temperature of 200 to 300 °F prior to welding. Cracks removed prior to welding shall be penetrant tested or magnetic particle tested to assure their complete removal before welding. All repairs shall be penetrant or magnetic particle tested for soundness. This requirement applies equally to tack welds.		No repairs as listed were made without the knowledge of the CWI inspectors and areas repaired were recorded in accordance with AWS D1.5 paragraph 6.5.8.	Conformance	7/16/2020 3:26:45 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Weld Termini Treatment. All gussets, stiffeners, diaphragms, or other attachments at a corner of intersecting plates joined by a fillet or groove weld, shall be clipped 1 1/2 inch minimum. Intersecting fillet welds will not be allowed. Treatment of all end weld termini on transverse secondary attachments to main members shall be such that the welds terminate 1/4 inch short of the end of the attachment.		All weld termini were finished according to specification.	Conformance	7/16/2020 3:26:45 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Weld Termini Treatment. All gussets, stiffeners, diaphragms, or other attachments at a corner of intersecting plates joined by a fillet or groove weld, shall be clipped 1 1/2 inch minimum. Intersecting fillet welds will not be allowed. Treatment of all end weld termini on transverse secondary attachments to main members shall be such that the welds terminate 1/4 inch short of the end of the attachment.		it was observed that all transverse fillet welds terminated 1/4 in. short on each side.	Conformance	5/5/2021 9:18:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Gas Certification. The Contractor shall furnish certification that the gas or gas mixture is suitable for the intended application in accordance with AWS D1.5 and the manufacturer's recommendations.		it was observed that the contractor had the certification highlighting that the gas mixture is suitable for the intended application.	Conformance	5/5/2021 9:18:14 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Gas Certification. The Contractor shall furnish certification that the gas or gas mixture is suitable for the intended application in accordance with AWS D1.5 and the manufacturer's recommendations.		The contractor furnished certification that the gas mixture used is suitable for the intended application in accordance with AWS D1.5 and the manufacturer's recommendations.	Conformance	7/16/2020 3:26:45 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Stud welding in the field. Automatic stud welding guns shall be used to weld studs to girders. The operator shall be qualified per AWS D1.5 Subsection 7.7.4. The base metal where the stud is to be welded shall be ground to bright metal immediately prior to the weld being made. Manual welding will not be allowed except to make repairs. Stud welding shall be in accordance with subsection 509.20 (h).		Automatic stud welding guns are being used and the operators and the operators are qualified to AWS D1.5 Subsection 7.7.4. Base metal was ground to bright metal immediately prior to the weld being made.	Conformance	4/7/2020 2:54:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		At least two steel girders shall be erected when girders are initially placed in any span, unless the Engineer provides a written waiver to this requirement. Diaphragms and cross frames between girders shall be connected to the girders and all diaphragm or cross frame connection bolt holes filled with bolts that are at least snug tight during erection. The Contractor's Engineer shall specify bolt torque requirements, if any, prior to releasing girders from the crane. Steel box girders need not be erected in pairs.		At least two girders were erected when initially placed in the span.	Conformance	4/7/2020 2:54:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Equipment. The Contractor shall provide the falsework and all tools, machinery, and supplies, including drift pins and fitting up bolts, necessary to complete the work.		The contractor provided all materials necessary for erection and completion of the work.	Conformance	4/7/2020 2:54:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	UPRR Structures		Bearings. Bearings and bearing seats shall conform to Section 512.		Bearings and bearing seats conform to Section 512.	Conformance	5/27/2020 11:38:10 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM -06:00	Type of guardrail system is appropriate for application and correct system has been chosen per the plan.		The bridge rail system was per plan.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Type of guardrail system is appropriate for application and correct system has been chosen per the plan.		Install was per plans.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All survey layout is per plan including length, termini locations, post spacing, and lateral offsets.		Contractor verified survey layout.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	10/12/2020 8:30:49 AM -06:00	All survey layout is per plan including length, termini locations, post spacing, and lateral offsets.		The guardrail installed on the right shoulder after the bridge over 270 is not 108' long as shown on the plans. The guardrail installed was measured as 99.7' (Attached is the plan sheet showing the stationing for this guardrail; CP WB On Ramp Sta. 110+34 to 109+26 Lt.)		10/23/2020 7:38:10 AM -06:00	NC-2	This NC-2 comment is being addressed through ENCR 0489.	Closed
Central 70	C 0704-241	Guardrail	Roadway		All survey layout is per plan including length, termini locations, post spacing, and lateral offsets.		Survey layout was per plan.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete placed met requirements of Section 601.	Conformance	8/12/2020 12:33:07 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM -06:00	Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Slipped barrier was performed in accordance with 601.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete placed was within specifications and mix design tolerances. IQC performed a passing air content test.	Conformance	2/7/2020 6:45:00 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		all concrete used was in conformance with the 601 spec.	Conformance	3/12/2021 1:13:47 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete mix was approved.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete mix was approved.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete meets requirements laid out in 601	Conformance	3/12/2021 1:15:14 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing steel meets all applicable requirements	Conformance	3/12/2021 1:15:14 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing steel was acceptable.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing Steel was acceptable.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM -06:00	Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing steel was in conformance with plans/specs/spacing.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM -06:00	Concrete for bridge rail shall be Macro Fiber-Reinforced Class D Concrete and conform to the requirements to the requirements of Section 601.		Fiber was used in the mix.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for bridge rail shall be Macro Fiber-Reinforced Class D Concrete and conform to the requirements to the requirements of Section 601.		Concrete used was a Class D concrete mix design with fiber added.	Conformance	2/7/2020 6:45:00 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for bridge rail shall be Macro Fiber-Reinforced Class D Concrete and conform to the requirements to the requirements of Section 601.		Concrete mix was approved and acceptable.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for bridge rail shall be Macro Fiber-Reinforced Class D Concrete and conform to the requirements to the requirements of Section 601.		Concrete mix was approved.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All materials have been approved and COC's processed by IQC.		IQC approved materials.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		Posts were driven plumb and firm.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts have been installed are firm and plumb (within 1/4 inch) and to the appropriate depth.		Posts installed were firm and plumb.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		No metal posts were cut.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		No posts were cut.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		No posts were cut	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	No metal posts shall be cut.		Metal posts were not cut.	Conformance	2/11/2021 3:39:06 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		No metal posts shall be cut.		The department observed the guardrail crew cutting approximately 1ft off of a 6ft guardrail post. The department was at the location for a half hour when this occurred and since IQC was not present IQC was notified of the issue.	Field Resolved	1/13/2021 1:13:21 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	Driving of posts shall be accomplished without distortion burring or any other damage.		Posts were driven without distortion.	Conformance	2/11/2021 3:39:06 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		Posts were driven without damage.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		Posts were not damaged during installation.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		Driving of posts shall be accomplished without distortion burring or any other damage.		Posts were driven without distortion or burring.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts where set by (1) driven into place, (2) set in dug holes, (3) set in concrete base, (4) posts on bridges shall be shown on the plans.		Posts were driven into place.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All posts where set by (1) driven into place, (2) set in dug holes, (3) set in concrete base, (4) posts on bridges shall be shown on the plans.		The first post of the 3G transition was not driven in the correct spot, creating improper post spacing for the transition. After addressing with crew, field engineer, and IQC, this was corrected. See attached standard.	Field Resolved	11/16/2020 7:38:36 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Guardrail	Roadway		All normal rail sections beyond terminals shall be furnished in 12'-6" or 25'-0" sections measured center of splice to center of splice. Partial or cut rail sections less than the noted dimensions are not allowed.		Rail sections were proper length.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rails were lapped in proper direction.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were lapped properly.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM -06:00	All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		WB I-70 Guardrail for overhead sign at approx sta. 2207+50. Splices lapped in correct direction	Conformance	8/10/2020 12:16:38 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were properly lapped.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	All rail sections are properly lapped in a smooth, continuous installation and in the correct direction of traffic.		Rail sections were lapped properly in correct direction of traffic.	Conformance	2/11/2021 3:39:06 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		All bolts and fittings were installed securely.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		Bolts were all drawn tight.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts, fittings and metal plates are securely in place and in the correct position. Bolts are drawn tight.		Bolts were drawn tight.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All bolts shall be of sufficient length to extend beyond the nut.		WB I-70 Guardrail for overhead sign at approx sta. 2207+50. bolts appear correct	Conformance	8/10/2020 12:16:38 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All bolts shall be of sufficient length to extend beyond the nut.		Bolts extended proper length past nuts.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	All bolts shall be of sufficient length to extend beyond the nut.		Bolts had proper lengths.	Conformance	2/11/2021 3:39:06 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	10/12/2020 8:30:49 AM - 06:00	All bolts shall be of sufficient length to extend beyond the nut.		The bolts for the 3H terminal do not fully engage the nuts at the connection of the thrie beam to the bridge rail on Central Park WB Ent. Ramp Sta. 110+82 Rt. Attached are photos.		10/23/2020 7:38:20 AM -06:00	NC-2	This NC-2 comment is being addressed through ENCR 0489.	Closed
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All washers are in place per the plans. Washers were omitted where specified.		WB I-70 Guardrail for overhead sign at approx sta. 2207+50. Washers per plan	Conformance	8/10/2020 12:16:38 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		All washers are in place per the plans. Washers were omitted where specified.		Washers were installed per plan.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height was within tolerance.	Conformance	6/28/2021 2:40:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height was within tolerance.	Conformance	7/23/2021 1:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway		The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height was within tolerance.	Conformance	8/25/2021 2:38:48 PM -06:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	2/12/2021 10:40:29 AM - 07:00	The rail height and rail face are within tolerance with respect to lateral offset and alignment per the CDOT Standard Plan M-606-1.		Rail height was within tolerance.	Conformance	2/11/2021 3:39:06 PM -07:00	C		Closed
Central 70	C 0704-241	Guardrail	Roadway	5/12/2020 9:51:17 AM - 06:00	All end terminals/transitions have been installed per manufacturer's recommendations/instructions have been inspected by IQC prior to being opened to traffic.		Posts 3, 5, 6, & 7 of the terminal do not appear to be breakaway posts has called out on the M&S. Attached is a copy of the M&S along with photos.	ncr generated	1/5/2021 7:54:47 AM -07:00	Audit Comment	ENCR 0136 was written to address these issues	Closed
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All end terminals/transitions have been installed per manufacturer's recommendations/instructions have been inspected by IQC prior to being opened to traffic.		CDOT discovered the anchor cables were not tightened as required by the MFG detail as result the guardrail will not function as intended. This was observed at 5 locations (WB Stations 2229+35, 2209+10, 2203+50 and EB Stations 2226+13 & 2338+40). All guardrail end treatments shall be checked to confirm the end treatments are connected correctly.	ENCR transferred to a Kietrac NCR 2225.	10/9/2020 10:10:00 AM -06:00	NC-2	ENCR 317 was written to address this issue	Closed

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Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All end terminals/transitions have been installed per manufacturer's recommendations/instructions have been inspected by IQC prior to being opened to traffic.		Hinge on the hinge post for the guardrail end treatment at 4 locations (WB Stations 2209+10, 2203+50 and EB Stations 2226+13 & 2338+40) are embedded in the SMA and do not follow manufacturer and M&S Details. Due to safety reasons the department was unable to measure the height of the rail. But based on the bearing plate being embedded in the asphalt it appeared the top of surface to center of rail does not match the height of 21-5/8" shown in the manufacturer drawings.	ENCR transferred to a Kietrac NCR 2225.	10/9/2020 10:10:03 AM -06:00	NC-2	ENCR 317 was written to address this issue	Closed
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		The department has concerns this is not the only terminal installed incorrectly since it was observed at another terminal as well. All terminals should be checked to confirm they are installed correctly to operate as intended by the mfg. and CDOT M&S.	ENCR transferred to a Kietrac NCR 2225.	10/9/2020 10:10:11 AM -06:00	NC-2	ENCR 317 was written to address this issue	Closed
							For all items listed below the department check 5 random locations (WB Stations 2229+35, 2209+10, 2203+50 and EB Stations 2226+13 &					



2338+40) and all locations had the below issues. All terminals shall be checked to determine the extent of this issue and included with this NCR. (Attached are the M&S sheets for this item and an example photo).

(1) The department found that a flared paved approach to the end treatment has not been installed per M606-1 sheet 6. See photo 1 of an example of the paved approach.

(2a) It was also found that the SMA did not run the length of the terminal providing a smooth uniform surface for impact. Section A-A shows a typical section for the terminal with a cross slope not greater than 10:1.

(2b) The SMA was stopped abruptly both longitudinally and transversely at the terminal resulting in a vertical drop off during impact. As noted above Section A-A shows a smooth surface with a cross slope no greater than 10:1 and a longitudinal slope no greater than 20:1 is not being met.

(Note) For the end treatment being

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							utilized (FLEAT 350/FLEAT-SP) there shall be a 15:1 taper from the edge of shoulder leading up to a 10' tangent prior to the terminal. The 10' Tangent can be found on Sheet 5 of M606-1. For pavement limits sheet 6 is utilized.					
Central 70	C 0704-241	Guardrail	Roadway	10/15/2020 11:37:39 AM - 06:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		At several of the 5 terminals (WB Stations 2229+35, 2209+10, 2203+50 and EB Stations 2226+13 & 2338+40) the department found that top soil had not been placed to the top of SMA matching the 10:1 (max) cross slope. (see attachment to Item 1) All terminals shall be checked to determine the extent of this issue and included with this NCR.	ENCR transferred to a Kietrac NCR 2225.	10/9/2020 10:10:06 AM -06:00	NC-2	ENCR 317 was written to address this issue	Closed
Central 70	C 0704-241	Guardrail	Roadway	5/12/2020 9:51:17 AM - 06:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		Transition from double face median guardrail to split single face rail failed to follow the median obstruction detail. Attached is a copy of the M&S along with photos.	Ncr generated	6/18/2020 7:11:10 AM -06:00	NC-2	ENCR 0136 was written to address these issues	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	5/7/2020 10:05:46 AM - 06:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		The terminal installed in the field does not match the CDOT "Median Terminal Guardrail Type 3" called out on the plans. The terminal is currently open to traffic and the effectiveness is questionable. The installed terminal appears to be for a bi-directional application while the actual application in the field is one way traffic. The terminal installed leaves posts exposed to traffic on the off ramp to Central Park. Attached is a photo of what is installed along with the plans and CDOT M&S sheets.	Ncr generated	6/18/2020 7:09:46 AM -06:00	NC-2	ENCR 0140 was written to address this issue.	Closed
Central 70	C 0704-241	Guardrail	Roadway	10/12/2020 8:30:49 AM - 06:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		The 3H terminal installed at Central Park WB Ent. Ramp Sta. 110+82 Rt. was not installed per CDOT M&S standard. The concrete on the back face of the barrier wall was chipped out for installation of the bolts anchoring the Thrie Beam to the bridge rail. See attached photos.		10/23/2020 7:38:13 AM -06:00	NC-2	This NC-2 comment is being addressed through ENCR 0489.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		End cable to FLEET was over tightened, causing the cable to become unbonded. After discussing with crew, field engineer, and IQC, this was corrected.	Field Resolved	11/16/2020 7:38:36 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Guardrail	Roadway	11/25/2020 12:14:11 PM - 07:00	All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		CDOT M&S requires a short stretch of Type 6 Section M curb to be installed under the three beam section of 3G Terminals from 8" before post 6 to the end of the concrete bridge rail. (Attached is the CDOT M&S Standard requiring this curb.) This curb has not been installed at terminals in the east segment and appears to be a project wide issue. All terminals will need to be evaluated to identify those which are missing the curb and if any washouts have occurred around bridge rail transitions or approach slabs due to the missing curb.		12/21/2020 9:24:04 AM -07:00	Audit Comment	KIC started installing the type 6 curb on 11/15/2020 on night shift. This item was identified in the PC punch list walks	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway		All end terminals/transitions have been installed per CDOT M&S Standard Plans when applicable.		At the 3G listed above the department identified that the wrong length of post was installed for posts 5 & 6 of the 3G terminal. Posts 5 & 6 were 6ft posts while the M-606-1 standard calls for posts 1-6 to be 7ft posts. This was brought up to IQC and an ENCR has been generated (ENCR-723). The department also identified that the terminal specified on the plans may be the wrong type and instead may need to be 3H terminal. PC has submitted an RFC to the designer.	Field Resolved	2/2/2021 10:55:55 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier faces were checked with a 10 foot straightedge, and corrected.	Conformance	2/10/2021 2:04:19 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Straightedge was used.	Conformance	2/5/2021 10:47:02 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was formed and poured within tolerance.	Conformance	1/18/2021 8:54:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked and corrected with straightedge during slipforming operation.	Conformance	12/10/2020 2:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Contractor used straight edge.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		barrier was checked with a 10' straightedge and was found to be in conformance with tolerances.	Conformance	3/12/2021 1:13:47 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked by IQC with straightedge.	Conformance	5/11/2021 11:36:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Concrete was checked with a straightedge.	Conformance	4/14/2021 9:11:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Straight edge was used on top portion and after forms were removed.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		The Concrete barrier wall was within tolerance	Conformance	4/30/2021 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10 foot straightedge, and corrected when necessary.	Conformance	7/1/2021 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10 foot straightedge, and corrected when needed.	Conformance	7/30/2021 3:45:41 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked and corrected with a 10 foot straightedge.	Conformance	6/10/2021 2:37:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straightedge post pour.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier and forms were checked with straightedge.	Conformance	7/23/2021 3:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straight edge during slipforming and corrected.	Conformance	10/1/2020 10:42:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway	9/21/2020 1:44:59 PM - 06:00	Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked and found to be in conformance with straightedge.	Conformance	9/21/2020 11:47:56 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was continuously checked with straightedge after slip forming, and corrected as needed.	Conformance	8/12/2020 12:33:07 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		after placement and the forms were removed the section of barrier passed the straight edge test with a 10' straight edge.	Conformance	9/30/2020 10:13:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with straightedge.	Conformance	11/2/2020 3:51:46 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Straight edge used.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked and corrected during pour as much as reasonable possible.	Conformance	9/16/2020 11:11:27 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Where paving is removed or damaged due to the Contractor's operations, the Contractor shall furnish an acceptable mix and shall repair the paving as required, at the Contractor's expense.		Install was acceptable.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Where paving is removed or damaged due to the Contractor's operations, the Contractor shall furnish an acceptable mix and shall repair the paving as required, at the Contractor's expense.		Asphalt placed was approved.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Where paving is removed or damaged due to the Contractor's operations, the Contractor shall furnish an acceptable mix and shall repair the paving as required, at the Contractor's expense.		Asphalt was approved.	Conformance	2/5/2021 10:47:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slip forms were used.	Conformance	2/5/2021 10:47:02 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Type 7 bridge rail poured as cast in place	Conformance	2/26/2021 12:58:01 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	2/10/2021 2:04:19 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		it was observed that the bridge barrier was constructed by CIP method.	Conformance	5/5/2021 9:19:55 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slip form was used.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slipform method used for barrier placement	Conformance	2/16/2021 8:47:52 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	12/10/2020 2:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slip formed.	Conformance	11/11/2020 1:36:25 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		barrier was cast-in-place	Conformance	3/12/2021 1:13:47 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM -07:00	Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The barrier was placed using slip form methods	Conformance	11/5/2020 11:37:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was Cast in Place.	Conformance	7/23/2021 3:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed in conformance with specifications.	Conformance	6/10/2021 2:37:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier transitions were cast in place.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	7/30/2021 3:45:41 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slip formed.	Conformance	7/1/2021 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete Barrier was constructed by slipform	Conformance	4/30/2021 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete was constructed by slipform.	Conformance	4/14/2021 9:11:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete barrier was cast-in-place	Conformance	4/26/2021 1:20:27 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete was poured as cast-in-place.	Conformance	4/21/2021 3:05:39 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier and glare screen were non-monolithically slipformed per field meeting conducted early January between KMP and CDOT.	Conformance	5/11/2021 11:36:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slip form was used.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	10/1/2020 10:37:20 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slipform method was utilized	Conformance	1/11/2021 8:18:07 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	11/2/2020 3:51:46 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		slipform method was utilized	Conformance	1/11/2021 8:17:36 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		the barriers constructed type was cast-in-place.	Conformance	9/30/2020 10:13:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete was slipformed.	Conformance	11/11/2020 1:33:51 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier wall was slipformed.	Conformance	8/12/2020 12:33:07 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	9/21/2020 1:44:59 PM -06:00	Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	9/21/2020 11:47:56 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		slipform method was utilized	Conformance	12/11/2020 11:49:48 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		slipform method was utilized	Conformance	12/11/2020 11:48:48 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete barrier was slipformed.	Conformance	10/1/2020 10:42:18 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Slipform method was utilized	Conformance	12/11/2020 11:48:22 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	6/22/2020 2:20:03 PM -06:00	Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed. Slipform template was checked for dimensions prior to pour.	Conformance	6/21/2020 4:07:53 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier end section was cast in place per specifications.	Conformance	6/4/2021 9:43:51 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	9/16/2020 11:11:27 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Per plans.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Base of CIP Barrier was set to proper grade.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Trench for barrier was excavated and compacted properly.	Conformance	7/23/2021 3:05:12 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Per plans.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Install elevations were verified by contractor prior to placement.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Trench for base was excavated and compacted properly.	Conformance	1/18/2021 8:54:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was minimally used, and completed within specifications.	Conformance	1/18/2021 8:54:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finish appeared acceptable.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finish was acceptable.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was performed in conformance with spec.	Conformance	12/10/2020 2:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was minimized, and performed in conformance with specifications.	Conformance	6/10/2021 2:37:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was minimized.	Conformance	7/1/2021 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was performed in accordance with specifications.	Conformance	7/30/2021 3:45:41 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Contractor will hand finish when forms are removed.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was minimized, and performed in conformance.	Conformance	5/11/2021 11:36:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Finish work appears acceptable.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was in conformance with 601.12	Conformance	10/1/2020 10:37:20 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	12/10/2019 2:19:17 PM -07:00	When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Concrete median barrier does not meet the specifications for a Class 1 finish.	The section with the construction joint was removed and replaced.	12/19/2019 9:16:30 AM -07:00	Audit Comment	This barrier has not received the dry finish. and due to the construction joint was removed and replaced.	Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM -06:00	When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was in conformance.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM - 06:00	Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		The concrete was completed with a broom finish.	Conformance	5/20/2020 9:38:05 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		All exposed surfaces recieved a broom finish.	Conformance	9/16/2020 11:11:27 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Vertical faces recieved a broomed finish.	Conformance	2/7/2020 6:45:00 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		All exposed vertical surfaces received a broom finish.	Conformance	10/1/2020 10:37:20 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Broom finish performed.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		vertical broom finish was applied	Conformance	1/11/2021 8:18:07 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		vertical broom finish was applied	Conformance	1/11/2021 8:17:36 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces recieved a broom finish.	Conformance	11/2/2020 3:51:46 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a broom finish.	Conformance	11/11/2020 1:33:51 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		vertical broom finish was applied	Conformance	12/11/2020 11:48:48 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		vertical broom finish as applied	Conformance	12/11/2020 11:49:48 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	9/21/2020 1:44:59 PM - 06:00	Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical faces recieved a broom finish.	Conformance	9/21/2020 11:47:56 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces of barrier received a broom finish.	Conformance	8/12/2020 12:33:07 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a broom finish.	Conformance	6/4/2021 9:43:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway	6/22/2020 2:20:03 PM - 06:00	Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Broom finish was applied.	Conformance	6/21/2020 4:07:53 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		vertical broom finish was applied	Conformance	12/11/2020 11:48:22 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces recieved a broom finish.	Conformance	10/1/2020 10:42:18 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces received a vertical finish.	Conformance	5/11/2021 11:36:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Contractor will finish when forms removed.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Surfaces were broom finished	Conformance	4/14/2021 9:11:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Concrete Barrier was broom finished	Conformance	4/30/2021 10:50:13 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		broom finish observed	Conformance	5/25/2021 2:56:23 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces received a vertical broom finish.	Conformance	7/30/2021 3:45:41 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a broom finish.	Conformance	7/1/2021 8:49:36 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces of barrier were given a broom finish.	Conformance	6/7/2021 7:45:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	6/10/2021 2:37:09 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	7/23/2021 3:05:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical faces of barrier received a vertical broom finish.	Conformance	12/10/2020 2:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Broom finish completed .	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM -07:00	Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		The vertical broomed finish was present.	Conformance	11/5/2020 11:37:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Vertical broom finish was applied.	Conformance	11/11/2020 1:36:25 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Broom finish was acceptable.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a broom finish.	Conformance	2/10/2021 2:04:19 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Barrier was checked and corrected with 10 foot straightedge.	Conformance	1/18/2021 8:54:24 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Straightedge was used.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Surface tolerances were checked with straightedge.	Conformance	11/11/2020 1:36:25 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Straight edge was used.	Conformance	1/18/2021 9:13:46 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		surface tolerances met	Conformance	5/25/2021 2:56:23 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Surface Tolerances have been met	Conformance	4/26/2021 1:20:27 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Straight edge was used.	Conformance	5/11/2021 11:36:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Surface tolerances were met.	Conformance	4/21/2021 3:05:39 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Straight edge was used on top portion of barrier.	Conformance	5/11/2021 11:39:42 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Appeared acceptable.	Conformance	1/18/2021 9:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM - 07:00	Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		The barrier was out of tolerance in multiple locations. Reference the attached photos.	2349 written	11/30/2020 2:56:09 PM -07:00	NC-2	NCR 2349 was written to address this issue.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Straightedge was used and no dips were observed.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	6/22/2020 2:20:03 PM - 06:00	Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Several areas of the lower vertical edge of the north side of the barrier were observed to have deviations along the edges, which may be out of tolerance.	Expedited NCR 236 was written	7/1/2020 2:45:22 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Barrier was poured within straightedge tolerance	Conformance	6/4/2021 9:43:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Appeared acceptable.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		Barrier observed was within tolerance.	Conformance	2/7/2020 6:45:00 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	7/9/2020 4:49:39 PM - 06:00	Longitudinal surface tolerances for the top of the barrier and the sides of the barrier from the top to a line 7 inches below the top of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.25 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.25 inch from the edge of the straightedge with allowance made for curve deflection.		The top of the barrier does not meet the 10' straight edge/1/4 and is out in several locations.	204 created	8/31/2020 1:25:13 PM -06:00	NC-2	ENCR 204 was written to address this issue. Additionally KIC had a quality stand down with CCI to discuss straight edge and workmanship concerns.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		Appeared acceptable.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	9/30/2020 9:23:42 AM - 06:00	Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		Junction box installed in the face of Type 7 bridge rail exceeds the required straight edge tolerance of 3/4" and is a snag point for vehicles impacting the barrier wall. The junction box is installed at approx. Station 423+50 (Attached is a plan sheet highlighting the box along with a photo of the issue.)	460 written	11/30/2020 3:06:42 PM -07:00	NC-2	ENCR 460 was written to address this issue	Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		Longitudinal surfaces were within tolerance.	Conformance	2/10/2021 2:04:19 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Longitudinal surface tolerances for the remaining surfaces of the barrier are: (1) On tangent roadway alignments and curves with radius greater than 1000 feet: 0.75 inch from the edge of the straightedge. (2) On sharp vertical curves and horizontal curves with radius of 1000 feet or less: 0.75 inch from the edge of the straightedge with allowance made for curve deflection.		Appeared acceptable.	Conformance	1/18/2021 9:13:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The contractor will be allowed a maximum of three days of slipform production if barrier being placed does not meet the specified tolerances.		Acceptable.	Conformance	1/18/2021 9:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The contractor will be allowed a maximum of three days of slipform production if barrier being placed does not meet the specified tolerances.		Not required.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The contractor will be allowed a maximum of three days of slipform production if barrier being placed does not meet the specified tolerances.		Test section was slipped and approved by IQC. Production is allowed to slip non monolithic barrier and glare screen within tolerance.	Conformance	5/11/2021 11:36:29 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The contractor will be allowed a maximum of three days of slipform production if barrier being placed does not meet the specified tolerances.		Not required.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No patching was performed.	Conformance	1/18/2021 9:13:20 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No patching was performed	Conformance	1/11/2021 8:18:07 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		no patching was performed	Conformance	1/11/2021 8:17:36 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		no patching was performed	Conformance	12/11/2020 11:48:22 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No Patching was performed.	Conformance	4/21/2021 3:05:39 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		no patching observed	Conformance	5/25/2021 2:56:23 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No patches were performed.	Conformance	2/5/2021 10:47:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		No patching was done.	Conformance	1/18/2021 9:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Each segment of precast barrier is acceptable and has less than 5 square feet of surface defects.	Conformance	1/31/2020 9:48:54 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		All connecting loops look to be in good shape and are not frayed, stretched or deformed.	Conformance	1/31/2020 9:48:54 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Gaps between units shall not exceed the dimensions shown in the plans.		Gaps between units do not exceed the dimensions show in the plans.	Conformance	1/31/2020 9:48:54 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Materials shall meet the requirements in the Contract and in the following subsections (RCP) Reinforced Concrete Pipe, Type I, II, or V Cement 706.02		The reinforced concrete pipe being used meets the requirements of the Contract.	Conformance	2/21/2020 3:24:47 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Materials shall meet the requirements in the Contract and in the following subsections (RCP) Reinforced Concrete Pipe, Type I, II, or V Cement 706.02		Materials used meet the requirements in the contract and in the subsections (RCP) Reinforced Concrete Pipe, 706.02.	Conformance	12/21/2020 9:22:34 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/20/2019 10:26:57 AM -07:00	IQCP-012 - Construction Repair Procedures		Currently, operations plans to core through the CD barrier in order to repair pipes, however as of 19 Dec, no repair procedure has been submitted for approval to the department.	Repair procedure detailed in NCR 1858	2/6/2020 6:06:34 AM -07:00	Audit Comment	Repair procedure is in development	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM - 07:00	IQCP-012 - Construction Repair Procedures		During construction of wall, the panel A6-1AU on column 118 was found to have 2 cracks on the back face of the panel, running almost full height, and approximately 3/4 thickness. Crew began to grind one of the cracks in order to place epoxy, which is not an approved repair procedure to repair a panel. Panel was ultimately rejected, and removed from wall.		12/19/2019 6:04:37 PM -07:00	Audit Comment	The repair was initiated to see the extent of the damage to the panel. After the initial damage investigation the panel was rejected.	Closed
Central 70	C 0704-241	Girders	Structures		IQCP-012 - Construction Repair Procedures		On 6 May, operations began repair procedure detailed in NCR 2480. QCATs then notified operations that per the approved repair procedure, live loads were to be restricted over the girder for 24 hours. Repair is now delayed until weekend of 22 May.	Field Resolved	5/11/2021 11:33:10 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	5/19/2022 8:39:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		All of the rebar was placed in conformance within the tolerances in ACI 117. The splice length was too short on the top mat of steel between P2-17 and P2-18 so couplers were added to ensure the appropriately splice length could be attained.	Conformance	11/21/2019 11:14:47 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		The rebar was inspected to be within conformance of the plans and shop drawings	Conformance	2/13/2020 1:34:53 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		All rebar was tied in accordance with the plans (Plan Sheet W100-8A). Please see the attached photos.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	4/21/2020 3:51:34 PM - 06:00	Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		All of the tolerances were in accordance with this specification.	Conformance	4/20/2020 2:39:18 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		The rebar was checked with IQC on April 18th, 2020 and the morning of the placement on Wednesday April 22nd, 2020. Please see the attached rebar pictures.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		All rebar followed the tolerances in ACI 117. Please see the attached photos in comment #8.	Conformance	5/4/2020 8:55:08 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Diaphragms	Cover		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		The blockout rebar was in accordance with plan sheet B050.124 Section E.	Conformance	5/14/2020 1:34:09 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		After meeting with CDOT, it was determined that the geotechnical engineer on record would visit the site after dewatering operations, and inspect subgrade. QCATs received a verbal notification 30 May that the engineer had visited the site, and was satisfied with subgrade conditions. IQC noted in their inspection checklist that engineer was on site.	Conformance	6/16/2020 11:58:10 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Joint between slipformed barrier and CIP Ramp meter transition resulted in 1/2" vertical crack full depth and length of the joint, and moderate spalling occurred adjacent to joint. After contacting IQC, Expedited NCR 452 was written.	Field Resolved	10/1/2020 10:37:20 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	8/14/2020 4:32:49 PM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		During paving operations, a water valve at the Glencoe intersection was hit by the paver. To repair the riser, paving foreman used a hammer to break off bottom 6-8 inches of riser, then attempted to place modified riser back in mat. After discussing with foreman how this was not an acceptable practice, foreman agreed to find a new, properly sized riser.	Field Resolved	7/14/2020 12:19:59 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/20/2019 10:26:57 AM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		WS 304 shows that drain pipes for wall are to daylight out of wall. During roadway subgrade preparation and barrier slipforming operations, pipes were broken at edge of wall, so that they no longer daylight as detail shows.	See NCR 1858	2/6/2020 6:07:11 AM -07:00	NC-2	NCR 1558 was written to address this issue	Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	1/6/2020 4:05:03 PM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		WS 304 shows that drain pipes for wall are to daylight out of wall. During barrier slipforming operations, at least 2 of the western most drain pipes were covered and concrete barrier was formed and poured over drain openings.	See NCR 1874	1/23/2020 8:43:13 AM -07:00	NC-2	NCR 1874 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway	1/6/2020 4:01:24 PM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Curb and Gutter on N Stapleton in front of Univar has been damaged.	Curb has been tracked and replaced.	2/6/2020 1:20:42 PM -07:00	Audit Comment	PC and IQC are tracking damage to any permanent work with the punch list process	Closed
Central 70	C 0704-241	Asphalt Milling	Removal	1/16/2020 7:26:02 AM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		During milling operation. MH-SPW6108 was hit by the milling machine. As a result, millings and other debris fell into manhole and the manhole structure was damaged.	See NCR 1914	2/17/2020 7:55:50 AM -07:00	NC-2	NCR 1914 was written to address this issue	Closed
Central 70	C 0704-241	Drainage Structures	Drainage	2/1/2020 5:37:18 PM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Multiple inlets along this drainage run have been damaged at the areas where apron rebar is placed.	See NCR 1981	3/9/2020 9:57:27 AM -06:00	NC-2	NCR 1981 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Electrical installation appeared acceptable.	Conformance	10/6/2021 10:21:39 AM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Waterproofing membrane was damaged multiple times, due to third parties, and trucking operations. In each instance, paving was stopped, NCR was issued, and waterproofing was repaired prior to continuation of paving.	Field Resolved	6/25/2021 7:47:29 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Approach Slabs	Structures		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Install appeared to be per plans and specifications.	Conformance	5/11/2021 11:33:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Barrier was not removed until construction behind barrier was completed.	Conformance	2/5/2021 9:28:41 AM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Barrier was not removed until construction hazards behind barrier were completed or removed.	Conformance	2/5/2021 9:28:13 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	11/16/2020 12:00:00 AM - 07:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		The overhead sign panel attached to structure (E-17-TAC) that reads Exit 278 Quebec Exit Only was struck by a piece of equipment. The strike damaged the sign panel and reflective sheeting. From the ground it is evident that the backing of the sign has been torn at the C-channel splice. Attached are photos. Due to the damage further evaluation is needed to ensure the damage is only contained to the sign panel and that fastener or the structure were not also damaged due to the impact.	NCR-2353	6/26/2021 12:47:02 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the		Contractors work appeared acceptable.	Conformance	2/5/2021 9:25:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Temp Lighting	Electrical		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the		Install appeared acceptable.	Conformance	7/15/2021 12:06:25 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Install appeared acceptable.	Conformance	6/28/2021 1:57:37 PM -06:00	C		Closed
Central 70	C 0704-241	Temp Lighting	Electrical		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Contractors install appeared acceptable.	Conformance	6/28/2021 1:58:00 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		The deck elevation exceeded 2%. The pour started at the diaphragm moving South (Low Point Upward).	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		The super elevation of the deck did not exceed 2%. So the deck placement was started on the South end at 46th moving North to Abutment 3.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		A Process Control Plan was submitted for Labato. Its includes the Clayton and Columbine Bridges. Please update the plan to include the rest of the North half of the Cover.	Addressed with RFC-470	5/29/2020 4:49:24 PM -06:00	Audit Comment	Labato will update the PC plan to provide new changes to include the phasing of placements on the cover structure.	Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		Cover Deck Placement Pre-Activity was done with all associated parties on Monday, May 4th.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		A Monroe Deck Pre-Activity meeting was held prior to operation proceeding. All applicable parties were in attendance.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		Josephine Deck Pre-Activity was completed on Wednesday, May 13th.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		The pre-pour conference was held on Thursday, April 9th 2020	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Three different pump trucks were use to deposit the concrete to its final position. No lateral movement of concrete was observed.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		The concrete was placed at its final position. Lateral flow was not observed.	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete placed within conformance of placement sequence. Was placed to require as little handling as possible, and as near to final position. Sufficient depth was provided to allow for screeding and finishing operations.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Pump truck was used and concrete placement was acceptable.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		When the evaporation rate is equal to or above 0.2 pounds per square foot per hour, the Contractor shall take actions (such as cooling the concrete, installing wind breaks, sun screens, etc.) to create and maintain an evaporation rate less than 0.2 pounds per square foot per hour on the entire bridge deck.		The ACI Evaporation Nomograph was used during my observation. No excess evaporation was observed.	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	When the evaporation rate is equal to or above 0.2 pounds per square foot per hour, the Contractor shall take actions (such as cooling the concrete, installing wind breaks, sun screens, etc.) to create and maintain an evaporation rate less than 0.2 pounds per square foot per hour on the entire bridge deck.		The ACI Nomograph for Estimating Surface Water Evaporation was used throughout the day to ensure the evaporation rate did not exceed 0.2 lbs per square foot per hour.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		When the evaporation rate is equal to or above 0.2 pounds per square foot per hour, the Contractor shall take actions (such as cooling the concrete, installing wind breaks, sun screens, etc.) to create and maintain an evaporation rate less than 0.2 pounds per square foot per hour on the entire bridge deck.		The ACI Evaporation Nomograph was used throughout the placement. It started to get windy towards the end of the placement. Curing compound was applied as soon as appropriate so minimize rapid evaporation.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		The crew member was notified to not spray the surface of the concrete using the power washer with the atomizing nozzle multiple times by IQC. After leaving the placement, I received a phone call from CCD observing the same problem. Additional water was observed to be on the surface and finished into the deck. Please see the attached photos.	Addressed	6/12/2020 2:27:42 PM -06:00	NC-2	Expedited NCR 0166 was written to address this issue	Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Fogging equipment was provided during the placement. The sprayer had the appropriate atomizing head and was cast into the air across the concrete. No drips, flow or puddles were observed throughout the placement.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		A large amount of curing compound was spilled on the girders when the curing compound nozzle was removed. Excess water was used to clean up the curing compound. A gap was cut in the backer rod between the girders to allow the excess water to drip into the lowered section. The girders were clean before the concrete was placed.	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		I pressure washer with an atomizing tip was used for fogging the concrete during pour, all connections were water tight and leaks weren't an issue at anytime during the pour.	Conformance	7/16/2020 10:11:32 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		during the fogging process the power washer being used with the atomizing nozzle was allowed to drip excessively on the concrete after placement. once again the foreman was talked to about it and it didn't happen again once he started to only be the one fogging the concrete. see attached pictures.	Field Resolved	7/27/2020 1:02:15 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Due to the deck slopes, water did pond on the deck at the low point next to the freshly placed concrete. Once the concrete was placed, the water started to flow on the surface. This was observed with Tony McAplin of IQC.	Addressed	5/29/2020 4:49:39 PM -06:00	Audit Comment	Acknowledged. PC and IQC monitor the amount of fogging to ensure moisture loss is handled with minimal surface water.	Closed
Central 70	C 0704-241	Bridge Deck	Cover		If placement is delayed or work is not progressing in a satisfactory manner 601.15 (c) for joints is being followed.		The work was not delayed and was finished to the approved construction joint in RFC-470.	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Multiple concrete vibrators were provided to consolidated the concrete at the point of placement.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Contractor provided acceptable vibration equipment.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		A combination of immersion vibration and surface consolidation shall be used.		The mechanical vibrators and the bid well machine provided the adequate immersion and surface consolidation.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		The first 20 feet of the placement was finished by hand. The bid well was then used for the remainder of the placement which included the various methods of strick off and finishing practices.	Conformanc e	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Screed with work bridge used. Hand floats used in acceptable manner.	Conformanc e	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	If the surface of the deck slab becomes dry immediately following finishing operations, due to an excessive evaporation rate, it shall be covered with wet burlap or fogged with water covering the entire deck surface using pneumatic atomizing nozzles. The fog spray shall be just enough to retard surface evaporation and shall not change the water-cement ratio. During periods of excessive drying, a cover of wet burlap or plastic sheeting shall be maintained on the slab at all times until final cure is placed.		Excessive evaporation rate was not observed as mentioned in comment #4. Fogging equipment with atomizing nozzles was used throughout the placement.	Conformanc e	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If the surface of the deck slab becomes dry immediately following finishing operations, due to an excessive evaporation rate, it shall be covered with wet burlap or fogged with water covering the entire deck surface using pneumatic atomizing nozzles. The fog spray shall be just enough to retard surface evaporation and shall not change the water-cement ratio. During periods of excessive drying, a cover of wet burlap or plastic sheeting shall be maintained on the slab at all times until final cure is placed.		Rapid drying of the deck was not observed during the placement.	Conformanc e	6/1/2020 5:30:03 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	If the surface of the deck slab becomes dry immediately following finishing operations, due to an excessive evaporation rate, it shall be covered with wet burlap or fogged with water covering the entire deck surface using pneumatic atomizing nozzles. The fog spray shall be just enough to retard surface evaporation and shall not change the water-cement ratio. During periods of excessive drying, a cover of wet burlap or plastic sheeting shall be maintained on the slab at all times until final cure is placed.		Due to overcast conditions and low winds, the deck maintained moisture.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	For the final finish a seamless strip of plastic turf shall be dragged longitudinally over the full width of bridge deck after a seamless strip of burlap or other approved fabric has been dragged longitudinally over the full width of bridge deck to produce a uniform surface of gritty texture.		Burlap attached to the bid well was drug longitudinally over the bridge deck width. A concrete broom was used at edges were the bid well did not reach. This allowed for a uniform surface gritty texture. Please see the attached photos.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	The drags shall be mounted on a bridge other than the bridge to be furnished for Department use. The dimensions of the drags shall consist of sufficient material and be maintained in such a condition that the resultant surface finish is of uniform appearance and reasonably free from grooves over 1/16 in depth. Where more than one layer of burlap drag is required, the bottom layer shall be approximately 6 inches wider than the layer above. Drags shall be maintained clean and free from encrusted mortar. Drags that cannot be cleaned shall be discarded and new drags installed.		The drags that were used produced a uniform and reasonably free from grooves over 1/16th in depth.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		Fogging equipment with atomizing nozzles were provided. A monomolecular film coating was not used. The evaporation rate before the curing compound was placed was not a concern.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		The fogging operation was adequate for the placement.	Conformance	6/1/2020 5:30:03 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	The concrete surface shall be kept moist at all times by fogging with an approved atomizing nozzle or applying a monomolecular film coating to retard evaporation until the curing material is in place.		The deck was fogged with an approved atomizing nozzle as the pour progressed. A curing compound was applied after the final finishing occurred. Please see the attached pictures.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	Decks placed from May 1 to September 30 shall be cured by the membrane forming curing compound method followed by the water cure method as follows:		A curing compound was applied after final finishing. Burlap and plastic was applied once the crew could walk on the deck.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	1. Membrane Forming Curing Compound Method. A volatile organic content (VOC) compliant curing compound conforming to ASTM C 309, Type 2 shall be uniformly applied to the surface of the deck, curbs, and sidewalks at the rate of 1 gallon to 100 square feet. The curing compound shall be applied as a fine spray using power operated spraying equipment. The power operated spraying equipment shall be equipped with an operational pressure gage and a means of controlling the pressure. Before and during the application the curing compound shall be kept thoroughly mixed by recirculation or a tank agitator. The application shall be within 20 feet of the deck finishing operation. When the finishing operation is discontinued, all finished concrete shall be coated with curing compound with 1/2 hour. The curing compound shall be thoroughly mixed within one hour before use.		The membrane curing application and equipment were in conformance with this specification.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	2. Water Cure Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		Wet burlap and polyethylene sheets were placed as soon as the surface allowed.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		2. Water Cure Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		The water curing method was implemented after the deck was sufficiently hard to walk on.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	2. Water Cure Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		The entire placement was covered with wet burlap under plastic.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		2. Blanket Method. Curing blankets with a minimum R-Value of 0.5 shall be placed on the deck as soon as they can be without marring the surface. Blankets shall be loosely laid (not stretched) and adjacent edges suitably overlapped with continuous weights along the lapped joints. The blankets shall remain in place for a minimum of five days after placement.		Blankets were also used in addition to curing compound to ensure temperature requirements were maintained throughout entirety of curing period.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		2. Blanket Method. Curing blankets with a minimum R-Value of 0.5 shall be placed on the deck as soon as they can be without marring the surface. Blankets shall be loosely laid (not stretched) and adjacent edges suitably overlapped with continuous weights along the lapped joints. The blankets shall remain in place for a minimum of five days after placement.		Curing blankets were placed and remained for 7 days	Conformance	1/21/2021 12:47:33 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		2. Blanket Method. Curing blankets with a minimum R-Value of 0.5 shall be placed on the deck as soon as they can be without marring the surface. Blankets shall be loosely laid (not stretched) and adjacent edges suitably overlapped with continuous weights along the lapped joints. The blankets shall remain in place for a minimum of five days after placement.		Contractor covered deck with thermal blankets for protective covering.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM -06:00	Decks placed in April or October may be cured in accordance with either subsection 601.16(a) or 601.16(b) above.		The deck was placed April 28th 2020. The curing is in conformance with 601.16 (a).	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water Curing Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend at least twice the thickness of the bridge deck beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		Concrete was cured in conformance with specifications.	Conformance	5/14/2020 4:34:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		<p>When the ambient temperature is expected to fall below 40 °F during the curing period, the Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall provide suitable measures such as straw, additional burlap, or other suitable blanketing materials, and/or housing and artificial heat to maintain the concrete temperatures between 50 °F and 75 °F as measured on the upper and lower surfaces of the concrete. The Contractor shall enclose the area underneath the deck and heat it so that the temperature of the surrounding air is as close as possible to the temperature of the concrete and between 50 °F and 75 °F. When artificial heating is used to maintain the concrete, adequate ventilation shall be provided to limit exposure to carbon dioxide. The Contractor shall maintain the wet burlap and polyethylene cover during the curing period. Heating may be stopped after the first 72 hours if the time of curing is lengthened to account for periods when the ambient air temperature is below 40 °F. For every day the ambient temperature is below 40 °F, an additional day of curing with a minimum ambient air temperature of 50 °F will be required. After completion of the required curing period, the Contractor shall remove the curing and protection so that the temperature of the concrete during the first 24 hours does not fall more than 25 °F.</p>		Concrete was adequately protected during the cure period.	Conformance	5/14/2020 4:34:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	During the curing period, the Contractor shall monitor the enclosure at intervals acceptable to the Engineer. The Contractor shall monitor concrete temperature, and the structural integrity of the enclosure. Artificial heat sources shall not be placed in such a manner as to endanger formwork or expose any area of concrete to drying due to excessive temperatures.		Maturity meters were placed throughout the diaphragms and deck placement.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		During the curing period, the Contractor shall monitor the enclosure at intervals acceptable to the Engineer. The Contractor shall monitor concrete temperature, and the structural integrity of the enclosure. Artificial heat sources shall not be placed in such a manner as to endanger formwork or expose any area of concrete to drying due to excessive temperatures.		Contractor monitored the enclosure at needed intervals to ensure excessive drying of concrete within the forms was not occurring.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Acceptability of the deck surface will be determined as follows: The Contractor shall furnish a 10 foot straightedge or other approved device. When the concrete is sufficiently hard, the Contractor shall test the bridge deck surface with the 10 foot straight edge or other approved device. Areas showing high spots of more than 1/8 inch but not exceeding 1/2 inch in 10 feet shall be marked. The marked areas shall be immediately ground with an approved grinding tool so that the surface deviation will not be in excess of 1/8 inch in 10 feet. Grinding shall not reduce the concrete cover on reinforcing steel to less than 1 3/4 inches, (2 3/4 inches for bare decks without an overlay). Decks that require additional corrective action shall be corrected with a concrete overlay approved by the Engineer.		Screed rails were not removed prior to concrete finish. QCAT Field Issue Conversation sent out, see attached, and Expedited NCR 1047 was created.	Field Resolved	5/11/2021 11:41:45 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Movable bridges or platforms shall be provided by the Contractor and moved as directed to allow the inspectors to work over the freshly placed plastic concrete. A movable bridge shall be kept as close to the finishing screed as practical. The deck of the movable bridge shall be a minimum of 24 inches wide and no more than 24 inches above the surface of the concrete and shall be capable of supporting two people. The Contractor shall provide additional movable bridges as appropriate for the work.		A movable bridge platform was provided to finish the surface and apply curing compound.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Reinforcing steel checked prior to deck placement?		The rebar was checked and approved by IQC the day before the placement. (Monday April, 27th)	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcing steel checked prior to deck placement?		The remaining rebar couplers were completed by 8:30 pm the night before and checked off upon by IQC.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcing steel checked prior to deck placement?		PC / IQC reviewed and approved all deck reinforcement.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcing steel checked prior to deck placement?		Approach slab reinforcement was signed off on by IQC.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	Reinforcing steel checked prior to deck placement?		I conducted a rebar audit of the diaphragms and deck before the dry run. The height of the supports were adjusted periodically to ensure the deck a minimum of 5" thick.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcing steel checked prior to deck placement?		IQC performed inspection and all appeared acceptable prior to concrete placement.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Required thickness and clearance maintained during dry run of finishing machine?		IQC verified cover and thickness throughout concrete placement.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM -06:00	Required thickness and clearance maintained during dry run of finishing machine?		The dry run was conducted with Labato, PC and IQC on Thursday, May 14th. The required thicknesses were met or adjusted to meet the appropriate tolerances.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Required thickness and clearance maintained during dry run of finishing machine?		Minimum required thickness and clearance was maintained during the dry run of finishing machine (bidwell).	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Required thickness and clearance maintained during dry run of finishing machine?		The deck thickness and clearance were appropriate during the dry run on Friday, May 15th.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM -06:00	Required thickness and clearance maintained during dry run of finishing machine?		The deck thickness was an issue during the dry run. It was highlighted by IQC and an NCR should have been generated. This should have stopped the placement. The WSP engineer said it was okay to proceed without department approval. NCR 2073 addressed the failure to follow the process.	Addressed in Corrective Action 20.	5/12/2020 4:14:13 PM -06:00	Audit Comment	Corrective action 20 was written to address.	Closed
Central 70	C 0704-241	Bridge Deck	Cover		Required thickness and clearance maintained during dry run of finishing machine?		The dry run was conducted on Saturday, May 30th. The clearances were adjusted to meet the 2" minimum cover.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Required thickness and clearance maintained during dry run of finishing machine?		during the dry run all locations were at minimum 5" in thickness and all cover was at a minimum of 2".	Conformance	7/27/2020 1:02:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Deck machine supported beyond edge of deck?		a Bidwell was used and was supported past the edge of the deck during the entire placement.	Conformance	7/16/2020 10:11:32 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Deck machine supported beyond edge of deck?		Screed machine supported properly.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Provisions and safety items for protecting workers and traveling public adequately addressed?		Contractor was working behind concrete barrier and public safety was addressed acceptably.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Provisions and safety items for protecting workers and traveling public adequately addressed?		Necessary safety items to protect workers and any traveling public were in place as needed.	Conformance	11/18/2019 7:38:49 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Provisions and safety items for protecting workers and traveling public adequately addressed?		Proper PPE was worn by team.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Mechanical vibrators providing required consolidation?		Backpack vibrator was used.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM -06:00	Mechanical vibrators providing required consolidation?		Mechanical Vibrators were used for consolidation. . Please see the attached pictures in comment #5.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Mechanical vibrators providing required consolidation?		Adequate consolidation was achieved.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		A vibratory screed was used to ensure the voids were removed and the appropriate grade was attained.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		A roller screed was used.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Finishing machine providing a uniform sealed finish with minimum ridges or air voids in surface?		The bid well created a uniform sealed finish with no ridges or air voids.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Water only applied with an approved fog spray?		The water cast into the air creating the fog spray and not directly applied to the concrete.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water only applied with an approved fog spray?		An approved atomizing nozzle was used throughout the placement.	Conformance	5/26/2020 1:57:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	5/19/2020 11:36:46 AM - 06:00	Water only applied with an approved fog spray?		The fogging equipment was the approved method.	Conformance	5/18/2020 8:36:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water only applied with an approved fog spray?		Only atomized water was applied.	Conformance	5/11/2021 11:41:45 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Water not used to aid finishing?		Water was used to aid finishing where hand work was necessary.	Addressed	5/12/2020 4:14:41 PM -06:00	Audit Comment		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water not used to aid finishing?		The use of water to aid in finishing was not observed.	Conformance	6/1/2020 5:30:04 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures	5/7/2020 10:09:06 AM - 06:00	Straightedge used where necessary?		A straightedge was used at the beginning of the placement as described in comment #6.	Conformance	5/5/2020 7:51:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		Proper screed was used.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		Hand finished concrete was being struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface being struck off. The screed is made of magnesium and is sufficiently rigid.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		The concrete for the vault slab was finished by hand.	Conformance	11/5/2020 11:35:09 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Hand finished concrete shall be struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off. It shall be sufficiently rigid to retain its shape.		The concrete was struck off and screeded with a portable screed that is at least 2 feet longer than the maximum width of the surface to be struck off, and is sufficiently rigid to retain its shape.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		No hand finishing was performed after the concrete had been in place for 30 minutes.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing started right after the final lift was placed.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Finishing was completed within proper timeframe.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing started right after the final concrete was placed.	Conformance	4/22/2020 7:24:10 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		see attached pictures, hand finishing occurred shortly after placing and was performed no more than 30 minutes after placing.	Conformance	7/27/2020 5:30:51 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Finishing tools made of aluminum shall not be used.		Finishing tools are made of magnesium.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		No aluminum tools were used.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Finishing tools made of aluminum shall not be used.		Proper finishing tools were used.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		Concrete finishing tools being used are made of magnesium.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Finishing tools made of aluminum shall not be used.		Finishing tools being used are made of magnesium.	Conformance	4/27/2020 3:36:42 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Finishing tools made of aluminum shall not be used.		All finishing tools being used are made of magnesium.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Finishing tools made of aluminum shall not be used.		Concrete finishing tools being used are made of magnesium.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		Finishing tools made of aluminum shall not be used.		The contractor used finishing tools made of magnesium.	Conformance	7/20/2020 8:17:07 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Finishing tools made of aluminum shall not be used.		After the concrete was poured into the forms. They came back and did hand work with the correct finishing tools.	Conformance	6/1/2020 7:32:55 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		No aluminum tools were used during operation.	Conformance	4/2/2020 6:51:18 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Finishing tools made of aluminum shall not be used.		Finishing tools being used are made of magnesium and not aluminum.	Conformance	7/27/2021 3:02:12 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Finishing tools made of aluminum shall not be used.		All finishing tools used are made of magnesium.	Conformance	6/29/2021 1:31:43 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Finishing tools made of aluminum shall not be used.		I observed only finishing tools of magnesium being used.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Finishing tools made of aluminum shall not be used.		The concrete was screeded off with 2x4's.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Finishing tools made of aluminum shall not be used.		No aluminum tools were used.	Conformance	11/11/2020 1:33:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Finishing tools made of aluminum shall not be used.		None of the finishing tools used were made of aluminum.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		blankets were used to maintain temperatures during the curing process.	Conformance	12/3/2020 9:10:01 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The contractor used sufficient equipment (heater, blankets) to continuously maintain the temperature uniformly in all parts of the enclosure.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The contractor used blankets and a heater to maintain the specified temperature uniformly throughout the enclosure/forms.	Conformance	2/3/2021 8:10:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Forms were protected with insulated blankets.	Conformance	2/5/2021 9:32:10 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The contractor wrapped the column in blankets and used a heater to maintain the required temperature.	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment has been supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure.	Conformance	1/14/2021 9:46:34 AM -07:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The contractor used concrete blankets and a heater to protect the concrete and maintain a uniform curing temperature.	Conformance	2/19/2021 7:59:32 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Blankets and a heater were supplied to continuously maintain the specified temperature uniformly in all parts of the column enclosure.	Conformance	2/3/2021 8:12:13 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment (blankets and heater) were supplied to continuously maintain the specified temperature throughout the enclosure.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment (blankets/heater) shall be supplied to continuously maintain the specified temperature uniformly throughout the enclosure.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Blankets and a heater were supplied to continuously maintain the specified temperature uniformly in all parts of the column enclosure.	Conformance	2/3/2021 8:12:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The contractor supplied concrete curing blankets and heated enclosures for the columns.	Conformance	3/3/2021 1:18:17 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated concrete tarps were used and a heater was provided to ensure the temperature was maintained throughout curing.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures	4/23/2020 12:00:00 AM - 06:00	Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated concrete blankets were used along with a heater to ensure the concrete could get strength in a timely manner.	Conformance	4/23/2020 3:01:47 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	11/21/2019 12:01:51 PM - 07:00	Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulated concrete blankets were used to cover the placement after it was finished. Freezing rain/Snow is expected at 3:00pm this afternoon.	Conformance	11/21/2019 11:14:48 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Blankets were added to the approach slab after placement.	Conformance	4/24/2020 8:53:19 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The abutment was wrapped in blankets and the contractor supplied a heater.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		The abutment cap had sufficient insulation blankets to maintain the specified temperature.	Conformance	3/3/2020 7:23:57 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment supplied to continuously maintain required temperatures during curing timeframe.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		all concrete that was to be cured was completely covered free of rain and other atmospheric climates that stunts curing. All burlap sacks were held down by 4x4 wood post, and kept in place for 7 days.	Conformance	8/10/2020 8:35:56 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment was supplied to continuously maintain the specified temperature uniformly.	Conformance	5/4/2020 10:26:01 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Proper equipment was supplied to cure concrete.	Conformance	6/24/2020 9:55:05 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete is being cured in accordance with section 601.13		The concrete was cured in accordance with section 601.13.	Conformance	5/4/2020 10:26:01 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	Concrete is being cured in accordance with section 601.13		curing compound was used after concrete pouring then covered with burlap and tarps in accordance with the spec.	Conformance	6/9/2020 11:03:28 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Cover		Concrete is being cured in accordance with section 601.13		The North approach was cured in accordance with 601.13	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Concrete is being cured in accordance with section 601.13		In conformance	Conformance	10/7/2020 7:49:43 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		Concrete being cured within conformance of specifications.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		The concrete is being cured in accordance with section 601.13.	Conformance	3/3/2020 7:23:57 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		Concrete is being cited in accordance with section 601.13.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures	12/17/2019 1:27:53 PM -07:00	Concrete is being cured in accordance with section 601.13		Per Section 601.13, when the ambient temperature is to fall below 35 degF, the concrete temperature shall be maintained above 50 degF during the curing period. No blankets were provided to maintain temperature at top of concrete during curing period of Drilled shaft 26 at Pier 2. Temperatures dropped below the 35 degF requirement the night of the concrete placement.	CSL results will be verified	1/2/2020 9:34:56 AM -07:00	Audit Comment	Acknowledged Due to the drilled shafts being typically placed in wet conditions. KFC was not prepared for this top of shaft being open to the elements. Cold weather concreting best practices have been communicated to the team	Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		The concrete was cured in accordance with section 601.13.	Conformance	4/24/2020 9:00:43 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13.	Conformance	5/6/2020 1:16:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete is being cured in accordance with section 601.13		The concrete is being cured in accordance with section 601.13.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		The concrete is cured within accordance with the specifications.	Conformance	2/13/2020 1:34:54 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete is being cured in accordance with section 601.13		The concrete for the north Steele approach slab was cured in accordance with section 601.13.	Conformance	7/22/2020 8:11:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		The concrete was cured in accordance of the plans. I verified the placement the following morning (8:00am - Thursday, March 19th) to ensure the placement was protected appropriately for the weather.	Conformance	3/19/2020 2:47:44 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13	Conformance	2/3/2021 8:12:41 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13	Conformance	2/3/2021 8:12:13 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete is being cured in accordance with section 601.13		The concrete was cured in accordance with section 601.13.	Conformance	3/3/2021 1:18:17 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		The concrete for the CBC floor was cured in accordance with section 601.13.	Conformance	6/19/2021 11:20:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Concrete is being cured in accordance with section 601.13		Deck cure appeared acceptable.	Conformance	6/10/2021 2:38:17 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	UPRR Structures		Concrete is being cured in accordance with section 601.13		Concrete cure appeared acceptable.	Conformance	6/14/2021 1:46:00 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13. The forms were left on the walls and curing compound was sprayed on top.	Conformance	7/6/2021 1:38:58 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		The concrete is being cured in accordance with section 601.13.	Conformance	7/19/2021 7:17:52 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		The concrete is being cured in accordance with section 601.13	Conformance	2/3/2021 8:11:33 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		Concrete cure appeared acceptable.	Conformance	2/5/2021 9:32:10 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		The CBC concrete was cured in accordance with section 601.13.	Conformance	2/3/2021 8:10:48 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete is being cured in accordance with section 601.13		Concrete was cured for longer than 120 hours as well as using maturity curves to determine 80% strength prior to stripping forms	Conformance	10/9/2020 9:28:32 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13.	Conformance	8/5/2021 2:37:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with the specifications according to the maturity meter info that I received from Ben Changnon.	Conformance	2/3/2021 8:10:48 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperatures were maintained for curing.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		The concrete temperature was maintained in accordance with the Specifications for the curing period.	Conformance	2/3/2021 8:12:13 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		The concrete temperature was maintained in accordance with the Specifications for the curing period.	Conformance	2/3/2021 8:12:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		The concrete temperature was maintained in accordance with the specifications for the curing period.	Conformance	3/3/2021 1:18:17 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with the specifications for the curing period.	Conformance	7/22/2020 8:11:18 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete temperature maintained in accordance with the Specifications for the curing period		The crew covered the moment slab with blankets and used a heater to hold an acceptable curing temperature.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		The concrete temperature is being maintained in accordance with the specifications for the curing period.	Conformance	3/3/2020 7:23:57 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature being maintained for curing period.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		In conformance	Conformance	10/7/2020 7:49:43 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with specifications for the curing period.	Conformance	5/4/2020 10:26:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		The concrete was cured with an approved method.	Conformance	5/4/2020 10:26:01 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		Abutment was water cured with proper materials	Conformance	6/24/2020 9:55:05 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		Concrete was cured with approved blanket method.	Conformance	7/14/2020 12:20:25 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		curing compound and method was approved by IQC prior to being used.	Conformance	9/16/2020 11:16:07 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete cured by an approved method		The cover deck was cured by an approved method. Burlap sacks with plastic over the top of them.	Conformance	8/10/2020 8:35:56 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		Concrete cured by approved method.	Conformance	3/4/2020 8:11:06 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		warm weather curing method was used.	Conformance	10/21/2020 7:42:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		The concrete is being cured by an approved method.	Conformance	3/3/2020 7:23:57 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		The concrete was sprayed with curing compound, wrapped with blankets and heated.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete was cured by an approved method and was covered for the correct amount of time before uncovering.	Conformance	6/22/2020 8:57:58 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		The concrete was cured by an approved method.	Conformance	7/22/2020 8:11:18 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete is being cured by an approved method.	Conformance	5/4/2020 10:27:12 AM -06:00	C		Closed
Central 70	C 0704-241	CBC (Box Culvert)	Drainage		Concrete cured by an approved method		Concrete was cured by an approved method as forms covered the concrete except at the top, where wet burlap and plastic were placed.	Conformance	8/10/2020 8:37:30 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Concrete cured by an approved method		heating blankets were used to keep the concrete temperature at the specified temperatures during the curing process.	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete was cured by an approved method.	Conformance	3/3/2021 1:18:17 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete was cured by an approved method.	Conformance	2/3/2021 8:12:41 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete is being cured by an approved method.	Conformance	2/15/2021 3:19:54 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	UPRR Structures		Concrete cured by an approved method		The concrete was cured by an approved method.	Conformance	2/3/2021 8:12:13 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete cured by an approved method		Concrete is being cured by an approved method.	Conformance	2/8/2021 2:25:48 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		Concrete was cured using an approved method.	Conformance	3/9/2021 3:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete cured by an approved method		The concrete was cured by an approved method.	Conformance	7/6/2021 1:38:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete cured by an approved method		The CBC concrete was cured using an approved method.	Conformance	2/3/2021 8:10:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete cured by an approved method		Concrete is being cured by an approved method.	Conformance	12/29/2020 8:58:21 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		Curing compound and blankets were used.	Conformance	10/9/2020 9:28:32 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete cured by an approved method		The concrete is being cured by an approved method.	Conformance	2/8/2021 2:25:18 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete cured by an approved method		they used cold weather curing methods for the approach slab. this included covering the slab with blankets.	Conformance	11/30/2020 2:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Concrete cured by an approved method		Concrete is being cured by an approved method-leave forms on for the bottom and sides, curing compound and plastic cover for the top.	Conformance	8/5/2021 2:37:15 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete cured by an approved method		The concrete is being cured by an approved method (curing compound).	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at a proper rate and is from the approved materials list.	Conformance	8/3/2021 3:53:09 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If curing compound is used it is applied at a proper rate and is an approved material		curing compound was observed to be used at a proper rate	Conformance	11/30/2020 2:58:22 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM - 07:00	If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was not applied at the appropriate rate leaving areas uncovered. Reference the attached photos.	2349 written	11/30/2020 2:56:03 PM -07:00	NC-2	NCR 2349 was written to address this issue.	Closed
Central 70	C 0704-241	UPRR	Railroads		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at a proper rate and is one from the approved products list.	Conformance	2/3/2021 8:10:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound used is from the approved materials list and was applied at the proper rate.	Conformance	7/6/2021 1:38:58 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound is being used and I observed the application of it, and it was placed at the proper rate.	Conformance	12/9/2019 1:38:50 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was applied properly.	Conformance	5/11/2020 11:17:11 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If curing compound is used it is applied at a proper rate and is an approved material		The curing compound was applied at the proper rate and is on the approved products list.	Conformance	2/13/2020 2:53:35 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Cover		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was approved material and was applied at the appropriate rate.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was properly applied.	Conformance	8/3/2020 11:28:04 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If curing compound is used it is applied at a proper rate and is an approved material		Spray on curing compound was applied uniformly and at a proper rate.	Conformance	9/16/2020 11:16:07 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	6/12/2020 12:26:29 PM -06:00	If curing compound is used it is applied at a proper rate and is an approved material		During application the crew was careless with a bucket of curing compound and spilt it on the deck prior to pouring concrete. the spill was addressed and cleaned before pouring occurred. this has happened on every section poured. see attached pictures.	Discussion was made.	7/2/2020 7:59:28 AM -06:00	Audit Comment	Noted. CPCM will discuss with Lobato supervision prior to the next deck placement.	Closed
Central 70	C 0704-241	Bridge Deck	Structures		Unless otherwise authorized, all formed surfaces shall be finished with Class 1 finish, immediately after the forms are removed.		Concrete finish was applied..	Conformance	5/17/2021 8:50:08 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway	11/5/2020 3:17:35 PM -07:00	Class 1, Ordinary Surface Finish is in compliance with 601.14(b)1		Point and patch is required to fill voids found at the base of the barrier and random voids through out surface area. Reference the attached photos.	2349 written	11/30/2020 2:56:06 PM -07:00	NC-2	NCR 2349 was written to address this issue.	Closed
Central 70	C 0704-241	Approach Slabs	Cover		Class 1, Ordinary Surface Finish is in compliance with 601.14(b)1		The approach slab was a broom finish in accordance with the specification.	Conformance	8/25/2020 9:22:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		Class 1, Ordinary Surface Finish is in compliance with 601.14(b)1		A Class 1 finish in called out on Plan Sheet EPF-101, General Note 11. The following specification and general note was followed.	Conformance	1/4/2021 5:28:52 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		Class 1, Ordinary Surface Finish is in compliance with 601.14(b)1		A Class 1 finish in called out on Plan Sheet EPF-101, General Note 11. The following specification and general note was followed.	Conformance	1/4/2021 5:27:29 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Surfaces adequately cured prior to applying Class 5 or structural coating.		Cure was meet	Conformance	9/16/2020 11:15:01 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete structures shall remain closed to traffic, and shall not carry Contractor's equipment, for 21 days after placement of the concrete deck is completed. The structure may be opened to traffic earlier if the concrete deck and all other concrete has attained the Field Compressive Strength given in Table 601-1.		Approach slab was closed to traffic until compressive strength was met.	Conformance	11/3/2020 1:13:00 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		For backfill of structures that support lateral earth pressure concrete compressive strength shall reach the following: -f'c before backfilling operations can begin with heavy equipment, such as skid-steers or self-powered riding compactors -0.80f 'c. before backfilling operations can begin with hand operated equipment		Backfill did not being until f'c was met	Conformance	6/3/2020 12:20:18 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-HLS502: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:13 PM -06:00	Audit Comment	Plans call out 18" RCP. Daily plan photo's show RCP installed.	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2128: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:31 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2124: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:17 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-JKN500b: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:09:54 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-MH-MRS505: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:11:04 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-JKN500: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:09:18 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN504a: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:13:18 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2115: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:23:32 PM -06:00	Audit Comment	NCR 2305 was written for failed mandrel test IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRS504: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:11:43 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2112: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:22:01 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRE513: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:07:51 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2130: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:41 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-JKN500a: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:09:38 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN511a: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:10:09 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN511: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:10:26 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-MH-MRS504: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:11:17 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN510a: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:14:12 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRS505: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:12:31 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70WR2116B: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:01 PM -06:00	Audit Comment	Mandrel test performed on 10/14/2020 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRW516: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:08:16 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-MH-70W2127: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:26 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRE511: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:09:59 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN504b: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:13:45 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-JKN500c: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:08:46 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2114: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:21:38 PM -06:00	Audit Comment	Mandrel test performed on 10/14/2020 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2129: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:36 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2126: Deflection testing has not been performed as a result IQC has not completed the required checklist and the MSE Wall Coping and moment slab has been installed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:22 PM -06:00	Audit Comment	Mandrel test performed on 8/27/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRW513: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:07:47 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-MH-JKS501: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:08:28 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRS504B: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:11:59 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRE516: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:07:55 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70W2115A: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:23:43 PM -06:00	Audit Comment	Mandrel test performed on 10/14/2020 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRS504A: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:11:33 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70WR2117: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:25:05 PM -06:00	Audit Comment	Mandrel test performed on 10/14/20 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70WR2116A: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:24:57 PM -06:00	Audit Comment	Mandrel test performed on 10/14/2020 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-70WR2116: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	concur Department has Mandrel tracking sheet.	4/8/2021 3:24:50 PM -06:00	Audit Comment	Mandrel test performed on 10/14/2020 and passed. IQC witnessed. IQC will share the Mandrel testing tracking sheet with the department	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	1/29/2021 2:15:19 PM - 07:00	After a metal or plastic pipe is backfilled and earthwork over the pipe is complete to the top of the subgrade, the pipe deflection shall be measured in the presence of the Engineer.		P-IN-MRN504: Deflection testing has not been performed as a result IQC has not completed the required checklist and paving has been placed. The department has concerns that if the mandrel test fails permanent work need to be removed.	This line is on KMPs Mandrel Tracking Smartsheet	7/12/2021 8:13:38 AM -06:00	Audit Comment	All designed HP pipe locations are tracked in the IQC Mandrel test tracking sheet. These lines are not installed yet	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The maximum allowable deflection shall be 5 percent. Deflection is a reduction in the inside diameter of the pipe measured in any direction.		HP Pipe P-MH-70E2137 was mandrel tested and did not have more than 5% deflection.	Conformance	9/16/2020 11:12:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Measurement shall be made using a mandrel, laser profile, or other method approved by the Engineer. Measurement shall be made 30 days or more following the pipe installation.		Measurement was with a mandrel.	Conformance	9/16/2020 11:12:51 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Measurement shall be made 30 days or more following the pipe installation.		Measurement was done 30 days after pipe installation.	Conformance	9/16/2020 11:12:51 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Temporary drainage and grading was provided at the end of each shift.	Conformance	9/2/2020 7:51:04 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Temporary drainage was maintained throughout construction.	Conformance	6/16/2020 12:00:39 PM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Additional storm water protection was added during previous construction activities after it was determined the original measures were not completely effective	Conformance	6/30/2020 1:19:45 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Blankets were placed on top of backfill at the end of each day to prevent wind erosion and protect backfill from freezing.	Conformance	1/20/2020 7:56:23 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls	12/16/2019 4:19:11 PM -07:00	The Contractor shall provide immediate temporary storm water protection and wind erosion control at the end of each day during construction.		Existing drainage was left open in back of wall. This issue was identified and correct with NCR 1778.	Conformance	12/16/2019 3:42:31 PM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temp. Barrier wall removed per plan. Hazards have been protected.	Conformance	5/11/2020 10:58:52 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Precast concrete barrier was placed prior to removal of guardrail.	Conformance	5/11/2020 11:08:31 AM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Barrier was removed after all operations were completed in block.	Conformance	4/24/2020 8:43:25 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temporary Barrier removed per plan. The need for the barrier wall has been eliminated.	Conformance	5/11/2020 10:59:33 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Existing Guardrail was not removed prior to installing temporary Concrete barrier	Conformance	11/5/2020 11:35:38 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temporary barrier was installed prior to guardrail removal	Conformance	6/30/2020 1:18:20 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Guardrail was not present in the area	Conformance	12/15/2020 8:55:09 AM -07:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		existing guardrail was removed after temporary barrier was installed	Conformance	12/15/2020 8:55:37 AM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Conformance	Conformance	1/18/2021 8:47:48 AM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Conformance	Conformance	1/18/2021 8:47:18 AM -07:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Temp barrier was not removed until work behind barrier was completed, and area was safe for traffic.	Conformance	7/28/2021 8:37:48 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The longitudinal joint in both a new pavement and an overlay pavement layer shall offset the joint in the layer immediately below by 6 inches.		Joints were offset by 6-12 Inches.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		The longitudinal joint in both a new pavement and an overlay pavement layer shall offset the joint in the layer immediately below by 6 inches.		Longitudinal joints were offset between lifts.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM -07:00	In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Based on measurements in the field from the survey layout for the curb. Joints land in the wheelpath at various locations throughout the mat.		12/10/2019 8:15:38 AM -07:00	NC-2	NCR 1755 was written to track this issue.	Closed
Central 70	C 0704-241	HMA	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were placed within 6 inches of lane lines.	Conformance	9/16/2020 11:01:55 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were outside the wheelpath.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		On every lift/ layer, the longitudinal joints were not in the wheelpath.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were not constructed in wheelpaths.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were not constructed in the wheel paths.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		Paving crew string lined to delineate all longitudinal joints during paving operation.	Conformance	2/15/2021 3:19:21 PM -07:00	C		Closed



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Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		All longitudinal joints were not delineated with string line.		12/10/2019 8:15:53 AM -07:00	Audit Comment	The Paving crew was paving additional width to catch the curb and gutter locations due to inclement weather. The additional width changed the paving width and layout was not used, This was discussed with the foreman and superintendent. The foreman will string line and paint lines prior to pavement operations starting.	Closed

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Central 70	C 0704-241	HMA	Roadway	2/7/2020 7:37:50 AM - 07:00	The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		Area was string lined before paving operations began. I don't know what happened after. See Pics		2/10/2020 8:11:20 AM -07:00	Audit Comment	Due to the ML and Ramp gore coming together the paving crew had to "draw" the screens to accommodate. KIC, IQC and the department walked this area and the joint does not cross a wheel path.	Closed
Central 70	C 0704-241	HMA	Roadway	4/2/2020 1:36:28 PM - 06:00	The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		Contractor layed out longitudinal joints prior to placing HMA on each lift.	Conformance	4/1/2020 7:39:06 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The joints in the top layer of pavement shall be located as follows unless otherwise approved in writing by the Engineer: (1) For 2-lane roadways, offset 6 to 12 inches from the center of pavement and from the outside edge of travel lanes. (2) For roadways of more than 2 lanes, offset 6 to 12 inches from lane lines and outside edge of travel lanes.		Joints were offset per specifications.	Conformance	6/7/2021 8:12:43 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The joints in the top layer of pavement shall be located as follows unless otherwise approved in writing by the Engineer: (1) For 2-lane roadways, offset 6 to 12 inches from the center of pavement and from the outside edge of travel lanes. (2) For roadways of more than 2 lanes, offset 6 to 12 inches from lane lines and outside edge of travel lanes.		Joints were offset from lane lines by 6".	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway	11/22/2019 12:21:18 PM - 07:00	Longitudinal joints shall not cross the centerline, lane line, or edge line unless approved by the Engineer.		Several Longitudinal joints paved cross lane lines.		12/10/2019 8:15:59 AM -07:00	NC-2	NCR 1755 was written to track this issue.	Closed
Central 70	C 0704-241	SX	Roadway		Longitudinal joints shall not cross the centerline, lane line, or edge line unless approved by the Engineer.		Longitudinal joints did not cross the centerline.	Conformance	4/24/2020 8:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Mixture was spread to required thickness and grade using a paver.	Conformance	6/9/2020 10:41:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	3/21/2020 12:33:17 PM - 06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver was only used for part of the operation due to the layout of the area. HMA was placed using skid steer and hand work. Possible concerns with thickness in area where paver was not used.		6/16/2020 11:18:32 AM -06:00	Audit Comment	Some area's are not sufficient size to use the paver. when hand work is required the crew still utilizes the same best practices of stabbing for grade/depth and checking slope with a level.	Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver was used for entire detour paving, except when hand paving for take off points.	Conformance	3/11/2020 1:28:46 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width.	Conformance	9/16/2020 11:01:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width.	Conformance	8/21/2020 4:22:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver was used to distribute mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	6/5/2020 2:02:50 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		The asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	8/3/2020 11:29:50 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	8/27/2020 4:16:44 PM -06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		The pavement section followed pavement detail on plan sheet #TS-029.	Conformance	8/25/2020 9:33:29 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		In conformance	Conformance	10/5/2020 6:43:49 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	10/1/2020 10:28:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers distributed mix to grade and thickness.	Conformance	10/1/2020 10:29:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used for bridge deck.	Conformance	11/3/2020 1:12:14 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used for entire area.	Conformance	11/3/2020 2:32:08 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers with automatic grade control were used.	Conformance	5/11/2021 11:40:17 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	4/27/2021 12:44:06 PM -06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used in accordance with specifications.	Conformance	4/27/2021 8:34:13 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used for entire length of paving	Conformance	4/27/2021 8:23:39 AM -06:00	C		Closed
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used to distribute mix.	Conformance	4/27/2021 8:31:49 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used throughout mat where possible.	Conformance	6/14/2021 1:43:10 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/20/2021 12:52:03 PM -06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	8/19/2021 1:48:35 PM -06:00	C		Closed
Central 70	C 0704-241	Waterproofing	Structures		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver was used with automatic grade control.	Conformance	6/25/2021 7:47:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width of lane(s).	Conformance	7/9/2021 8:04:32 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway	7/14/2021 2:09:06 PM -06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width.	Conformance	7/14/2021 2:01:01 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Paver was used to distribute mix.	Conformance	6/28/2021 2:39:54 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were properly used.	Conformance	11/3/2020 2:31:23 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute mix.	Conformance	12/10/2020 2:30:41 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt paver was used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	8/16/2021 7:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	7/27/2021 8:32:04 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Construction Plan		Construction plan was followed to include a safety critical meeting with all applicable parties, sequence of operations for placement of girders at Span 2, equipment to be used, etc.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Erection Plan		Erection plan was followed to include, sequence of operations, crane details, lift loads and rigging, equipment locations, and traffic handling during girder delivery.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder Delivery		Truck route and staging of girders for Span 2 followed girder delivery plan.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Rigging Plan		Rigging plan was approved prior to use during erection, and all rigging was inspected prior to use. Set-up of rigging to be used followed the approved plan to safely place all girders at Span 2.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Crane Set-Up and Lift Plan		Girder Crane Plan set-up was followed per the approved Phase 1 and Phase 2 locations for crane set-up.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder Bracing Plan		Girder bracing installed per the bracing details set forth in safety critical plan.	Conformance	11/27/2019 12:40:18 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	Structures		Steel Reinforcing Visual Inspection - Daily during Production		Visual inspection (IQC) was performed.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The Drilling and Grouting installation procedure was followed		I observed the drilling of Micropile 60 (MP60). I observed the grouting of MP60, MP59 and MP58. All drilling and grouting operations followed the Micropile Installation Plan.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The equipment used in the operation matches what is provided in the Installation Plan		All equipment that was used during the operation matched what was provided in the installation plan.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Drilling Procedure (Micropile Design Sheet 1 of 3. Gen Notes 7.C)		The drilling procedure that was submitted and approved by the engineer was used in the field for the test micropile and production micropiles. This was provided in the Micropile Installation Plan, Mix Design, Jack Calibration document.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Grouting Procedure (Micropile Design Sheet 1 of 3. Gen Notes 8)		All grouting operations were in conformance with the plan general note 8. The hole was drilled and grouted in the same day. The hole depth was verified after drilling. The holes were clean before the grouting began. The grout was visually inspected to be homogeneous. The grout injected from the lowest point of the drilled hole.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Grout Mix Design (Micropile Design Sheet 1 of 3. Gen Notes 8.F and 9)		The grout material was the same as the test micropile. A mud balance was used to ensure the grout specific gravity was in accordance with the mix design.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		The threaded rod is in compliance with submittal plan sheets		The thread rod was inspected to be in compliance with the plans and specs. The MRR and attachments were used to verify the material. The MRR was submitted to the department after the micropile work began. It was caught in a workflow but was approved before the work began. This would normally be an NCR. But the documents making it through Aconex workflows have been a positive trend.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		Installation Records (Micropile Design Sheet 1 of 3. Gen Notes 10)		All of the micropile were installed between January 30th,2020 and February 14th, 2020. All of the inspection reports were completed by Brandon Bergmann. Micropile MP65 was re-drilled on Friday, Feb. 14th since it was initially placed in the wrong location. There are 14 micropile plus the test pile. Please see that attached QCAT Field Issue Conversation.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		Load Testing (Micropile Design Sheet 2 of 3)		The load testing for the test micropile was submitted and approved. The test of the production pile will be in the near future once the grout compression specimens are tested.	Conformance	2/18/2020 1:20:48 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover	1/8/2020 1:58:54 PM - 07:00	Load Testing (Micropile Design Sheet 2 of 3)		All of the requirements on the plan sheet were followed. (Load Testing - General Notes, Sheet 2 of 3). The load test was completed around 10:45am. All appropriate parties were present to witness the test.	Conformance	1/8/2020 12:37:16 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	1/8/2020 1:58:54 PM - 07:00	Load Testing (Micropile Design Sheet 2 of 3)		The dunnage configuration was not placed according to the plans. The test results will show any discrepancies related to the flexing of the dunnage. Please see the attached plan sheet and photos from the load test.	Noted	2/13/2020 1:42:35 PM -07:00	Audit Comment	Acknowledged. we include the dunnage information with the testing data to the design team.	Closed
Central 70	C 0704-241	Deep Foundations	Structures		Structural Concrete 601 Visual Inspection - Daily during production		Drilled shaft/ caisson visual inspection during operation.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		602 Reinforcing Steel - MRR - BUY AMERICA, Verify the steel mill is on the QML, material has been field inspected and accepted, Mill test reports are on file		The steel mill is on the QML, buy America, material has been field inspected and accepted, Mill test reports are on file.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		Concrete Testing - Unit Weight/Yield and Temperature - 1st three batches at the beginning of the day's production, then one random test per five batches		Concrete was tested for unit weight/ yield, temperature- first 3 trucks were tested by PC.	Conformance	1/11/2021 8:19:08 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	Traffic control devices must be installed in compliance with the requirements of the Contract. Contact the Region Traffic Engineer for any needed assistance. See Section 630 for guidance on temporary traffic control in construction zones.		SS-157.01: P2 bases have an extra washer installed on top of the keeper plate just below the slipbase (ENCR-858). Also present on signs after Monaco as well possible project wide issue. (ENCR-861)	Field Resolved	3/5/2021 7:07:07 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	Traffic control devices must be installed in compliance with the requirements of the Contract. Contact the Region Traffic Engineer for any needed assistance. See Section 630 for guidance on temporary traffic control in construction zones.		Dog screw at the base of the slip base is not installed on SS-157.01 (ENCR-858)	Field Resolved	3/5/2021 7:07:07 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping		Traffic control devices must be installed in compliance with the requirements of the Contract. Contact the Region Traffic Engineer for any needed assistance. See Section 630 for guidance on temporary traffic control in construction zones.		Signing was in compliance with contract requirements.	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Concrete shall conform to requirements of Section 601.		The concrete conforms to Section 601.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Reinforcing steel shall conform to the requirements of Section 602.		The reinforcing steel conforms to the requirements of Section 602.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		8. Sign Location. Inspect staked sign locations for compliance to the Contract. Check for obstructions to sign visibility. When inspecting sign staking, consider placing signs behind guardrail where appropriate.		The contractor survey has multiple survey stakes that are in compliance with the Contract.	Conformance	3/4/2020 7:30:42 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		8. Sign Location. Inspect staked sign locations for compliance to the Contract. Check for obstructions to sign visibility. When inspecting sign staking, consider placing signs behind guardrail where appropriate.		Signs were installed in proper locations.	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		Verify that highway signs are installed in accordance with the Contract and the Manual of Uniform Traffic Control Devices. Ensure that removal and installation of signs follow a logical sequence to maintain traffic safety.		Signs were appropriate for traffic phase. Sign SS-161.03 was not turned to traffic.	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		Verify that highway signs are installed in accordance with the Contract and the Manual of Uniform Traffic Control Devices. Ensure that removal and installation of signs follow a logical sequence to maintain traffic safety.		Signs were installed according to MUTCD, and temporary signage was not removed until after permanent signage had been installed.	Conformance	6/14/2021 1:45:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	1/3/2020 1:39:25 PM - 07:00	Verify that highway signs are installed in accordance with the Contract and the Manual of Uniform Traffic Control Devices. Ensure that removal and installation of signs follow a logical sequence to maintain traffic safety.		EB I-70 Mainlane signage from Quebec to I-225 does not match the plans for the MOT phase. Temporary signs are still in place that should be in there permanent condition.	Verified there is no conflicting signage and temp signs are being removed as permanent signs are being installed.	4/13/2020 2:18:03 PM -06:00	Audit Comment	Temporary signs will be removed as the permanent signs are placed. However the temporary signs are correct and are not conflicting with the current road alignment.	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		2. Posts. Check for correct type and size of posts. Verify if modifications to existing posts are required.		Post type was per plan.	Conformance	6/14/2021 1:45:16 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	2. Posts. Check for correct type and size of posts. Verify if modifications to existing posts are required.		SS-087.01 the bottom zee of the sign is not bolted correctly to the post. It appears the holes in the zee were drilled in the wrong location because the bolts are angled and are bearing on edges. (ENCR-857)	Field Resolved	3/5/2021 7:07:07 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		3. Plate Bolts. Check torque on breakaway plate bolts and fuse plate bolts.		Plate bolts on SS-161.03 were not completely installed, which was necessary to keep sign turned away from traffic.	Field Resolved	6/14/2021 1:43:59 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		4. Breakaway Assembly. Check ground level with reference to the top of the footing. Clearance of the breakaway assembly is critical. Check breakaway holes for spacing and diameter on six inch by six inch timber posts.		Extra washers were installed on breakaway foundation assemblies. This is being resolved with NCR 2652.	Field Resolved	6/14/2021 1:43:59 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping		4. Breakaway Assembly. Check ground level with reference to the top of the footing. Clearance of the breakaway assembly is critical. Check breakaway holes for spacing and diameter on six inch by six inch timber posts.		Breakaway foundation assembly was installed with extra washer. This is being resolved per NCR 2652	Field Resolved	6/14/2021 1:45:16 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		5. Vertical Alignment. Ensure that all posts are plumb.		Post was plumb.	Conformance	6/14/2021 1:45:16 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		5. Vertical Alignment. Ensure that all posts are plumb.		Sign posts were plumb	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		614.04- Sign Panels- Sign panel materials shall conform to Section 713 and to the details shown on the plans. Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design shall conform to the "Standard Highway Signs' published by FHWA.		14.04- Sign Panels- Sign panel materials conforms to Section 713 and to the details shown on the plans. Sign panels were produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design conformed to the "Standard Highway Signs' published by FHWA.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		614.04- Sign Panels- Sign panel materials shall conform to Section 713 and to the details shown on the plans. Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design shall conform to the "Standard Highway Signs' published by FHWA.		Per NDC-000344 Sign originally was to read "JCT 270 South 1" after NDC was approved Sign was changed to read "Jct 270 West 1"	Conformance	11/2/2020 1:42:25 PM -07:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/9/2021 9:28:16 AM - 07:00	614.04- Sign Panels- Sign panel materials shall conform to Section 713 and to the details shown on the plans. Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design shall conform to the "Standard Highway Signs' published by FHWA.		Sign Panels- Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Performed visual inspections of all signs in Airport Rd. yard that are visible. Noted several signs that had lettering that appears beginning to peel/delaminate (edges and corners) from panel.	ENCR written	5/17/2021 9:27:20 AM -06:00	Audit Comment	ENCR 0968 was written to address this issue	Closed

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Central 70	C 0704-241	Sign Installation	Signing & Striping	3/1/2021 4:33:54 PM - 07:00	614.04- Sign Panels- Sign panel materials shall conform to Section 713 and to the details shown on the plans. Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design shall conform to the "Standard Highway Signs" published by FHWA.		The department has found several permanent guide & recreation signs on the project on which the letters are peeling away from the sign. Many of these signs were fabricated on 03/2020 and the white letters are already peeling away from the back ground sheeting. In talking with several inspectors with past experience of manufacturing signs the 3M 4000 series being used for the white and green/brown is too thick to be applied to the front of a sign which is appears to be the cause of the letters peeling away from the sign panel. Based on the discussion it was also discovered that the correct material for the letters would be using the 3M 1170 series Electrocut film with the 4000series as the base layer. The 4000 series is meant to be a base layer. Attached are typical failure photos of some of the delaminated signs found in the 270 sign yard but all signs on the project should be inspected to determine the extent of this issue.	0968 written	5/5/2021 9:24:47 AM -06:00	NC-2	ENCR 0968 was written to address this issue	Closed
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/9/2021 9:28:16 AM - 07:00	2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Panels that were inspected were correct type and size. Did not note any modifications needed for existing sign legends were required. Inspected for cleanliness and general appearance, most signs looked to be clean, and general appearance was good.	Conformance	3/5/2021 6:52:44 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Sign SS-160.01 the edge of the green backing is peeling away from the aluminum base it is most evident at the top right corner. Sign may not have been fabricated correctly. The sign sheeting also has damage on the front face where the sheeting has been scratched and damaged.	ENCR written	5/17/2021 9:26:44 AM -06:00	Audit Comment	Kic, KMP and the department had a meeting to review the repair procedure for lettering and "green" paneling with CDOT sign maintenance team. Repair will be tracked with ENCR 0968	Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Sign panels were checked for correct type and size of panels. Inspected for cleanliness and general appearance.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Sign panels were correct type and size.	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Several sign panels are delaminated/bubbled around the washers (See attachment items 1461, 1468, 1470, & 1465). Also the All Way Sign attached to the Stop sign on SB Jackson has bubbles present in the laminate.(See attachment item 1465) The 25mph sign on NB Monroe after 46th has a gouge in the sheeting (See attachment item 1456).	188 written	9/9/2020 2:36:57 PM -06:00	NC-2	ENCR 188 was written to address this issue	Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		3. Angular Placement. Inspect the angle of sign placement to the roadway for compliance.		Inspected the angle of sign placement to the roadway for compliance.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		4. Height and Clearance. Check for proper height above edge of traveled way and proper vertical and horizontal clearance of sign panel.		The panel was checked for proper height above edge of traveled way and proper vertical and horizontal clearance of sign panel.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	4. Height and Clearance. Check for proper height above edge of traveled way and proper vertical and horizontal clearance of sign panel.		Sign SS-157.01 is resting on the top row of barbed wire of Univar's Fence. IQC generated (ENCR-858)	Field Resolved	3/5/2021 7:07:07 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		4. Height and Clearance. Check for proper height above edge of traveled way and proper vertical and horizontal clearance of sign panel.		The bottom of panel was checked for proper height above the travelled edge of highway, checked for proper vertical and horizontal clearance of sign panel.	Conformance	4/27/2021 8:36:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		<p>Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.</p>		<p>before the construction of the two foundations for the overhead sign the area was observed to be well-drained. the corrected elevations were used and the sign structure has the minimum ground clearances from the final roadway surface. it was inspected that the anchor bolts where placed in the correct location along with the correct orientation.</p>	Conformance	3/12/2021 1:21:33 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		<p>Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.</p>		<p>it was observed that the ground around the substructure was well drained. it was observed that the vertical clearnace required above the finished roadway surface was met.</p>	Conformanc e	5/5/2021 9:19:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	12/4/2020 9:39:42 AM - 07:00	Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.		in the attached Aconex document it gives the submittal for anchor bolts. as the detail shows that there should be 1'-3" of projection from top of concrete, concrete was poured to where the anchor bolts have 1'-5" of projection. With this the 5'-0" minimum embedment length for the anchor bolts were not met. Along with the embedment the 2" of clear cover for the galvanized part of the anchor bolt for corrosion wasn't meet do to only the top 1'-5" of the anchor bolt is galvanized.	ncr written	2/3/2021 8:13:41 AM -07:00	NC-2	NCR 2411 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		<p>Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.</p>		<p>Prior to construction, the ground surrounding the substructure was well-drained and that the overhead sign has a minimum vertical clearance required above the finished roadway surface. Noted the anchor bolts were accurately located, have the proper orientation, and projected above the top of the drilled caisson concrete the specified length.</p>	Conformance	2/24/2021 11:34:16 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		<p>Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.</p>		<p>Before construction, noted that the ground surrounding the substructure was well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. Noted anchor bolts were accurately located, had the proper orientation, and project above the top of the drilled caisson concrete the specified length.</p>	Conformance	2/24/2021 11:33:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping		Before construction, ensure that the ground surrounding the substructure is well-drained and that the overhead sign will have a minimum vertical clearance required above the finished roadway surface. The inspection guidance provided in Section 614.4.3 for traffic signal substructures is also applicable to overhead sign substructures. Consider the following additional guidelines: 1. Anchor Bolts. Ensure that anchor bolts are accurately located, have the proper orientation, and project above the top of the drilled caisson concrete the specified length. For bridge type overhead signs, verify that anchor bolts are placed such that the distance between drilled caissons, as referenced between the centerline of anchor bolt groups, complies with that specified on the shop drawings. 2. As-Constructed Survey. The Contractor is required to perform an As-Constructed Survey of the substructure as soon as practical after it has been completed. The requirements for the As-Constructed Survey are defined in the notes on the plan sheets for the overhead sign.		Surrounding ground was well drained prior to construction	Conformance	1/20/2021 6:18:33 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		Bolts were tightened as specified without gaps between connection plates and with no overtightening.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		Bolted connections were used to connect the superstructure to the substructure and to fasten structural elements within the superstructure. Bolts were tightened as specified without gaps between the connection plates and without overtightening.	Conformance	2/4/2020 3:16:12 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		Nuts were tightened as specified with not gaps between connection plates and without overtightening.	Conformance	1/15/2020 2:11:43 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		it was observed that the bolted connections from superstructure to substructure were in conformance with the plans.	Conformance	5/5/2021 9:19:12 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Bolted connections are used to connect the superstructure to the substructure and to fasten structural elements within the superstructure itself. Bolts must be tightened as specified without gaps between connection plates and without overtightening.		it was observed that the bolts fastening the superstructure to the substructure were not overtightened, but tightened to the required specifications leaving no gaps between structures.	Conformance	3/12/2021 1:21:33 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		1. Bolt Tightening. Verify that bolts in field splices are tightened in an incremental and progressive manner. This must be performed while the splice connections are not carrying load. To create this no-load condition, a crane will be necessary to lift fabricated components during tightening.		Verified that bolts in field splices were tightened in an incremental and progressive manner, a crane was used to create a no-load condition.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		2. Overtightening. Do not permit the over tightening of bolts to close non-designated gaps or where such action will distort steel components.		No over tightening of bolts to close non-designated gaps or distorting steel components was performed.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		2. Overtightening. Do not permit the over tightening of bolts to close non-designated gaps or where such action will distort steel components.		No nuts/bolts were overtightened to close non-designated gaps.	Conformance	1/15/2020 2:11:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		3. Adjustment and Leveling. Once erected, the anchor nuts and leveling nuts may require adjustment to level the sign. When assessing the need for leveling, no external support should be attached to the superstructure; however, during adjustment, a crane will be necessary to lift the superstructure. Verify that the leveling nuts are in contact with the base plate before releasing the overhead sign from the crane and tightening the anchor nuts.		The sign was leveled and the leveling nuts are in contact with the base plate.	Conformance	2/4/2020 3:16:12 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		3. Adjustment and Leveling. Once erected, the anchor nuts and leveling nuts may require adjustment to level the sign. When assessing the need for leveling, no external support should be attached to the superstructure; however, during adjustment, a crane will be necessary to lift the superstructure. Verify that the leveling nuts are in contact with the base plate before releasing the overhead sign from the crane and tightening the anchor nuts.		No external support was attached to the superstructure; however, during adjustment, a crane was used to lift the superstructure. Verified that the leveling nuts were in contact with the base plate before releasing the overhead sign from the crane and tightening the anchor nuts.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		3. Adjustment and Leveling. Once erected, the anchor nuts and leveling nuts may require adjustment to level the sign. When assessing the need for leveling, no external support should be attached to the superstructure; however, during adjustment, a crane will be necessary to lift the superstructure. Verify that the leveling nuts are in contact with the base plate before releasing the overhead sign from the crane and tightening the anchor nuts.		it was observed that after the superstructure was set no further leveling was required.	Conformance	5/5/2021 9:19:12 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		4. Field Welding. Unless otherwise designated, field welding is not permitted.		No field welding was performed.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		4. Field Welding. Unless otherwise designated, field welding is not permitted.		No field welding was performed on the sign structure.	Conformance	1/15/2020 2:11:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		4. Field Welding. Unless otherwise designated, field welding is not permitted.		No field welding was used on the sign structure.	Conformance	2/4/2020 3:16:12 PM -07:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Pavement marking plan approved and in conformance of Standard Plan S-627-1		The pavement marking plan was approved and in conformance of Standard Plan S-627-1.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Were the final markings in place prior to opening the roadway to traffic? Were the detour routes markings in full-conformance?(These should be in place well before of operation)		The final markings were in place prior to opening the roadway to traffic, and the detour routes markings were in full-conformance.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Make sure that adequate cones are used to prevent tracking by vehicular traffic.		Adequate cones were used to prevent tracking by vehicular traffic.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Does the applicator provide a means for cleanly cutting off square stripe ends and provide a method of applying "skip" lines?		The applicator provided a means for cleanly cutting off square stripe ends and provided a method of applying "skip" lines.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		The bead dispenser shall be equipped with an automatic cutoff control synchronized with the cutoff of the thermoplastic material.		The bead dispenser was equipped with an automatic cutoff control synchronized with the cutoff of the thermoplastic material.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		The equipment shall be so equipped as to permit preheating of the pavement immediately prior to application of the material.		The equipment was equipped to permit preheating of the pavement immediately prior to application of the material.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		The painting equipment was capable of maintaining alignment and application rate		The painting equipment was capable of maintaining alignment and application rate.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Was the surface properly cleaned to mfg. recommendations and free of moisture, grease, oil, dirt, and laitance?		The surface was properly cleaned to mfg. recommendations and free of moisture, grease, oil, dirt, and laitance.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Were the existing pavement markings removed prior to installation of preformed thermoplastic pavement marking in areas where markings overlap? (Non-conformance = surface needed sandblasting, waterblasting, grinding, grooving or primer before placement of striping)		The existing pavement markings were removed prior to installation of preformed thermoplastic pavement marking.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Was the air temperature in conformance with the manufacturers recommendations?		The air temperature was in conformance with the manufacturers recommendations.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		{Preformed Plastic Pavement Marking.} The air and surface temperature shall be a minimum 40 °F or as recommended by the manufacturer.		The air temperature at time of application was 60 degrees, surface temperature was 64 degrees.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Pavement and air temperature in accordance with the specification? Was moisture detected 48 hours before the application of the markings?		The pavement and air temperature was within specification? No moisture was detected 48 hours before the application of the markings.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed

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Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Surface for application, dry and properly prepared?		The surface for application was dry and properly prepared.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Minimum air temperature per specifications?		Temperature was above minimum per specifications.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Pavement markings of appropriate length, width and spacing?		The pavement markings were of appropriate length, width and spacing.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Did the contractor prevent traffic from traversing the grooves prior to application of the markings?		The contractor prevented traffic from traversing the grooves prior to application of the markings with cones/inside closure.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Do the pavement markings conform to the plans?		The pavement markings conform to the plans.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Were all Preformed Thermo-Plastic Pavement Marking surfaces ground before placement of proposed marking? Was the inlaid area for the new Preformed Thermo-Plastic Pavement Marking the same shape or pattern as the Preformed Thermo-Plastic Pavement Marking that is being installed?		All of the Preformed Thermo-Plastic Pavement Marking surfaces ground before placement of proposed marking, the inlaid area for the new Preformed Thermo-Plastic Pavement Marking was the same shape or pattern as the Preformed Thermo-Plastic Pavement Marking that is being installed.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Were the beads applied almost instantly on completed line? Proper thickness maintained?		The beads were applied instantly on completed line and proper thickness was maintained.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Was the depth of grinding appropriate to accommodate the appropriate strip thickness on the plans?		The depth of grinding was appropriate to accommodate the appropriate strip thickness on the plans.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Installation of preformed plastic pavement marking supervised and certified by manufacturer-trained installer?		The installation of preformed plastic pavement marking was supervised and certified by manufacturer-trained installer.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		The markings shall consist of resilient white, yellow, or other color thermoplastic product with glass beads and anti-skid elements uniformly distributed throughout the entire cross sectional area to ensure that skid resistance and retro-reflectivity is maximized.		The markings consisted of resilient white, yellow, or other color thermoplastic product with glass beads and anti-skid elements uniformly distributed throughout the entire cross sectional area.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Was the installation of the preformed plastic marking supervised and certified by manufacturer-trained installer?		The installation of the preformed plastic markings was supervised by a certified manufacturer-trained installer.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Proper marking lengths and intervals?		The marking lengths and intervals were correct.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)		Location per plans or as directed?		The location was per plan.	Conformance	10/9/2020 9:28:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		WB I-70 on ramp from 46th Ave. Striping is not maintained. Reference comment #1 attachment.	1832 was created	2/13/2020 1:52:50 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		Fillmore intersection. Improper pavement markings	1832 was created	2/13/2020 1:52:43 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		South Columbine intersection. Improper pavement markings. Reference comment #1 attachment.	1832 was created	2/13/2020 1:52:53 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		South Josephine intersection. Improper pavement markings. Reference comment #1 attachment.	1832 was created	2/13/2020 1:52:56 PM -07:00	NC-2	NCR 1832 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		North Brighton intersection. Improper or missing pavement markings. Reference comment #1 attachment.	1832 was created	2/13/2020 1:53:01 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		South York intersection. Striping is not maintained. Reference comment #1 attachment.	1832 was created	2/13/2020 1:52:58 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		South Brighton intersection. Improper or missing pavement markings. Reference comment #1 attachment.	1832 was created	2/13/2020 1:53:04 PM -07:00	NC-2	NCR 1832 Created	Closed
Central 70	C 0704-241	Striping	Signing & Striping	12/18/2019 8:36:30 AM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		South Clayton intersection. Improper pavement markings. Reference comment #1 attachment.	1832 was created	2/13/2020 1:52:47 PM -07:00	NC-2	NCR 1832 Created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		Pavement markings were placed according to plan.	Conformance	9/30/2021 7:22:37 AM -06:00	C		Closed
Central 70	C 0704-241	Striping	Maintenance of Traffic (MOT)	12/11/2020 1:31:10 PM - 07:00	This work consists of furnishing and applying pavement marking, and furnishing, installing, and removing temporary pavement marking in accordance with these specifications, the Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Colorado supplement thereto, and in conformity to the lines, dimensions, patterns, locations and details shown on the plans or established.		On the right side of the SB Quebec right lane the striping was not installed all stripe from the prior phase was still in place.	NCR written	5/17/2021 9:18:48 AM -06:00	Audit Comment	The crew was running late and field decision was made a 5 why's was performed. The area was remediated the next shift. ENCR - 522 was written to address	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	1/6/2020 3:59:38 PM - 07:00	The pull boxes conform to the RFC plans		General Note 22 on Plan Sheet EL-002 is conflicting with the Cover Specs 260533 (Raceway and Boxes). Please see attachments.	Addressed through RFC process	4/18/2020 12:33:52 PM -06:00	Audit Comment	In RFC 294 WSP accepted the use of a ¼ ground stud in lieu of a 3/8 ground stud. This was sent out on Jan 4th. To date this submittal is still in process. We will be resubmitting with additional sizes of junction boxes to be used all including the ¼ ground stud.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	1/6/2020 3:59:38 PM - 07:00	The pull boxes conform to "2.2 Products, L. Boxes and Fittings 1. Within Tunnel:" of specifications		1. The cut sheets included in the submittal include Grade SS316 and SS304 Stainless steel. It should be pheolic or 316 Stainless. SS304 should be removed from the cut sheets. 2. The pull boxes are NEMA 4X enclosures and are a minimum gauge of 14GA.	This was hatched out in the new submission.	4/18/2020 12:35:13 PM -06:00	Audit Comment	Sturgeon will be resubmitting the submittal for the boxes and in this submittal Sturgeon will put a box around the SS316 showing this is the box Sturgeon will be using. If needed we can hatch out the SS304 as it is not what we will be using.	Closed
Central 70	C 0704-241	Electrical	Cover	1/6/2020 3:59:38 PM - 07:00	The pull boxes conform to "2.2 Products, L. Boxes and Fittings 2. Boxes" of specifications		Please reference comment #1. Conflicting Spec with General Notes. Spec Reference - 2. Boxes, D - "Provide ground lugs of current capacity at least that required by the NEC for the largest feeder entering the equipment."	Conformance	1/2/2020 9:17:58 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover	12/7/2020 1:55:59 PM - 07:00	1.1 References		<p>Plan Sheet DLGO-10, Section 31 23 23 - Fill and Backfill, 1. General, B. Sequencing and Scheduling, Part II Backfill around water-holding structures only after completion of satisfactory leakage tests as specified in section 03 30 00, Cast-In-Place Concrete.</p> <p>A leak test was never conducted on behalf of the following specification. ACI 350-06 Specifications of Tightness Testing of Environmental Engineering Concrete Containment Structures</p>	Addressed	2/8/2021 9:57:39 AM -07:00	NC-2	ENCR 643 was written to address this issue	Closed
Central 70	C 0704-241	Pump Station	Cover		1.3 Submittals		All placement related submittals were approved prior to the concrete placement. Reference comment below for concrete mix design.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		2.2 Ancillary Materials		This was the first placement at the FFFS tank. No ancillary materials for bonding or repair were required.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		2.3 Concrete Mix Design		The mix design was approved in accordance with the Pump Station Specifications. Aconex Title: "Pump Station: Concrete Mix Design for Hydraulic Structures". Aconex Submittal #: "C70-KIE-LAI-ML-000004".	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		2.4 Concrete Mixing		All mixing was conducted in accordance with the PA.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		2.5 Temperature Limits		The slab was 1.5 feet in thickness. No additional mass concrete analysis was required.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.1 Placing Concrete		A. All concrete was placed in a smooth continuous manner. All voids beneath and around the concrete water stop were filled appropriately. B. Re-tempering of concrete was not required. C. This was the first placement at the FFFS tank. There were no adjacent placements	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.1 Placing Concrete		The placement followed all requirements defined under this specification.	Conformance	8/27/2020 2:07:03 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		3.2 Concrete Bonding		There was one horizontal construction joint around the entire slab for the vertical tank walls. The water stop was continuous.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.3 Concrete Wall Finishes		This was a wall placement.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.4 Concrete Slab Finishes		The slab was finished in accordance with the PA (Sch. 10 Section 14 - Section 03 3000 - 3.7 Concrete Placement - E) as required by the pumps station specifications.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.5 Backfill Against Structures		This was the slab FFFS tank. The next major placement will be the FFFS tank walls.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.6 Field Quality Control		PC, IQC and Concrete testers were present during the placement.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed
Central 70	C 0704-241	Pump Station	Cover		3.7 Manufacturer's Services		Aggregate was the supplier of the concrete. Aggregate has there Plant Manager onsite to adjust the mix is required.	Conformance	1/21/2020 12:58:15 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ventilation	Fire & Life Safety		2.1 Jet Fans		Part H. Monitoring System Part #1-#5. The vibration sensors, pressure sensors and wiring are in accordance with the following requirements. Please see the attached photos. Flow indicating devices were installed in accordance with the approved Jet Fan Submittal (Pages 236-242)(Aconex #C70-RKMECH-SYC-SHD-000003).	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		2.1 Jet Fans		Part H. Monitoring System Part #1-#5 , RFC-619, RFC-632, RFC-666, NDC-679. The installation followed the following project documentation related to changes.	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		2.1 Jet Fans		Part H. Monitoring System Part #1-#5 Temperature and Vibration Monitoring devices that are installed are following Page 213-222 of the submittal. (Aconex #C70-RKMECH-SYC-SHD-000003). FDC-559 was followed during the installation. Reference the photos attached to this audit.	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.2 Connections		Connections were made in accordance with the following specifications under part A and B.	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/16/2021 11:51:27 AM -06:00	3.2 Installation		Part A. Mount panelboards such that the height of the top operating handle does not exceed 6ft 6in from the floor. The panel board was installed in accordance with this specification.	Conformance	4/14/2021 10:13:18 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/16/2021 11:51:27 AM - 06:00	3.2 Installation		Part C. Where panelboards are not mounted to a structural wall, the panelboard shall be mounted on structural channel framing assembly. The masonry inside the Fire Protected Room is not considered a structural wall so a structural framing assembly is required. Reference plan sheet EL-209 for Panelboard #UL-PP-03. Reference attached photos.	Adequate	5/25/2021 12:42:39 PM -06:00	Audit Comment	The specification referenced is typically for panelboards installed in locations without walls (i.e. similar to the pump station) that require a structure to physically connect the panelboard to. In the FCC room application, the panelboard is installed on strut that has been anchored to the CMU wall. The CMU wall is tied to the CIP wall with CMU veneer ties and the FCC CIP roof with an angle anchor.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		1.4 Reference standards		The Fire Hose Valve Manifold should follow ASTM A123 Hot Dipped Galvanized Standard. The original manifold was hot dipped galvanized inside and out in accordance with the specification. The manifold was rejected by IQC for poor quality workmanship and weld splatter. The manifold welds were re-done. The entire manifold exterior was then cold galvanized and brought back to the project. The cold gal repair does not adhere to the requirements of ASTM A 123. The manifolds will be re-hot dipped. Please reference the attached pictures.	Field Resolved	10/15/2020 2:46:19 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		1.6 Quality Assurance		All materials were clearly marked with the appropriate information. Please reference photos in comment #3.	Conformance	9/16/2020 5:34:48 PM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		2.2 Pipe, Tube and Fittings		Subsection A and B. A. The pipe meets the following specification. B. The pipe is 4", cut groove and hot dipped galvanized inside and out. The fittings, couplings and bolts meet the following specification. Please reference the attached pictures.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/12/2021 1:54:59 PM - 06:00	2.3 Valves		Part E Ball Drips - Shop Drawing FP003 of 21. Key Note #10 6"x2.5"x2.5"x2.5" Flush 3-way FDC Connection (w/ 1/2" ball drip @ bottom). The 3-way polished brass FDCs in the FCC room are missing the required ball drips. Reference the pictures attached to this audit.	Adequate	5/25/2021 12:41:46 PM -06:00	Audit Comment	Response from Aero: Ball drip drain details will be updated in C70-AASC-SYC-SHD-000001 Cover Fire Sprinkler System. They will be removed from the drawings where they are not needed/installed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	4/26/2021 10:36:24 AM - 06:00	3.1 Installation		Reference plan sheet FS-119. An 8' sleeve with modular mechanical type seal is required through the penetration into the cabinet. There is a link seal provided at this location but due to the shape of the penetration, the link seal can not properly seal the opening.	Adequate	7/21/2021 2:46:44 PM -06:00	Audit Comment	KIC and Aero are aware and will walk the cabinets as part of punchlist. Aero has products or modified procedures to make the seal compliant	Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		Subsection W. The pipe penetration was 2" larger in than the nominal pipe diameter in accordance with this specification and General Note #2 on Plan Sheet FS-118.	Conformance	10/13/2020 8:43:48 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		Subsection D. The piping was installed true to line and grade in conformance with this specification.	Conformance	10/13/2020 8:43:48 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		B. Installation was in accordance with NFPA 14 Chapter 10 Underground Piping. Bedding and backfill were in accordance with the plans and specifications. Tracer wire was included in the installation. Please the attached pictures.	Conformance	9/16/2020 5:34:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		D. The piping was installed true to the line and grade provided on plan sheet FFH-211 in accordance with NDC-000573.	Conformance	9/16/2020 5:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		A. Concrete Thrust Blocks were provided at each tee intersection. Please see attached pictures.	Conformance	9/16/2020 5:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	3/15/2021 8:37:40 AM - 06:00	3.1 Installation		Subsection W. The diameter of the hole shall be 4" larger than the pipe unless otherwise specified. The penetration's were cored to 8". The mechanical link-seal is missing from the penetration from the underground piping into the cabinet. Please reference the attached photos and Plan Sheet FS-119. I talked to Monte from Aero and he is aware of the situation.	Addressed through NCR	4/6/2021 5:11:52 PM -06:00	Audit Comment	NCR-2594 has been generated to track this issue.	Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		The entire installation was in accordance with the approved plans and Field Design Changes (FDCs). Denver Fire approved the installation on March 3rd. Please see the attached pictures.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.4 Field Quality Control		A. The system was inspected in accordance with the specifications and approved plans. The work was inspected by Matt Lohrenz, Jeff Allen and Johnny Stone of IQC.	Conformance	9/16/2020 5:34:48 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		NFPA 24 10.10.2.1.3.1 is followed under 11.Cleanliness Acceptance Criteria. 11.1.3. If the flow rate is less than the required flow rate in Table 10.10.2.1.3, the flush will be acceptable if the maximum flowrate from Denver Water was maintained during the flush.	Conformance	12/18/2020 11:05:27 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		NFPA 24 10.10.2.1.3* are followed under 11.Cleanliness Acceptance Criteria. 11.1.1 & 11.1.2 respectively. The flows are in accordance with NFPA 24 Table 10.10.2.1.3 for a 10" diameter and 6" diameter line.	Conformance	12/18/2020 11:05:27 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		Please update the appropriate plan sheets in attachment #1 with the plan sheets from NDC-566 to accurately show the fire main locations.	Updated	2/17/2021 3:18:17 PM -07:00	Audit Comment	Response from TOtter: Drawings will be updated in the document.	Closed

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Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		"NFPA 24 10.10.1 Approval of Underground Piping - (1) Notify the AHJ and Owner's rep of time and date testing is to be performed." include under 4. Responsibilities 4.2 Superintendent	Adequate	1/19/2021 9:03:18 AM -07:00	Audit Comment	Response from FSullivan: Concur. Date will be provided via the construction schedule.	Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		"NFPA 10.10.2.1.2 - The flushing operation shall continue until water flow is verified to be clear of debris." is met in section 11. Cleanliness Acceptance Criteria 11.1.4 on Page 15 of 22.	Conformance	12/18/2020 11:05:27 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	12/18/2020 4:10:09 PM - 07:00	3.4 Field Quality Control		"NFPA 24 10.10.2.1.4 - Provision shall be made for the proper disposal of water used for flushing or testing." Better define under 8. Environmental Compliance and remove notes in Attachment #1. Fire hose WILL be used to ensure the water makes it to the appropriate inlet that will led to the Wet Well of the pump station so it maybe properly collected and/or tested. And if the pump station wet well is not available at the time of the flush. The water will be collected via a wa	Agreed	1/19/2021 9:03:35 AM -07:00	Audit Comment	Response from FSullivan: Concur. The water will be collected.	Closed
Central 70	C 0704-241	Communications	Cover	3/1/2021 4:31:33 PM - 07:00	1.1 Scope		Part 7 a, b and c define which systems need to be protected	Adequate	4/14/2021 8:05:21 AM -06:00	Audit Comment	As Clearly Stated by the Audit	Closed



by a 2-hour fire rated barrier. (Tunnel Jet Fan Power Circuits, Tunnel Emergency Lighting Power Circuits, Power Supply Circuits for the following systems: Tunnel SCADA, Monitoring and Communications). PA Schedule 10 Section 12.17.7 requires that all Life-Safety systems shall be constructed from fire survivable materials not merely power.

Comment Only Power Circuits for Emergency Systems are required to be in a 2-HR Fire rated system per the project specification, additionally a 2-hr fire rated system is only available and UL-Listed for power circuits. As for the Comm cabling, they are routed within phenolic conduit which is, itself, a fire survivable material. X-Wall Phenolic conduit (used for 2-HR fire rated power circuits, as opposed to standard wall phenolic conduit used for all other raceway in

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	1.1 Scope		A.7.C Power Supply Circuits for the followings systems: Tunnel SCADA, Monitoring and Communications Systems. The conduits run for the SCADA Monitoring of the deluge zones is standard wall phenolic conduit. Please reference the following plan sheets for related information. SCADA Monitoring & Control at Deluge 1 & 2 - Plan Sheet CM-011 and FS-003. Monitoring & Controls = #1 GAC & GSC, #2 GSOC & GSOC, #3 PA & PSH, #4 GAC & GSC Cabinets Heaters = #1 TE & TAL	Conformance	4/12/2021 1:33:06 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		2.1 Manufacturers		All of material provided for the lights, J-Boxes, J-Boxes female whips, unistrut pieces were in conformance of the submittals. The LED Electronic Driver inside the light housing was verified to match the submittal. Please see the attached pictures.	Conformance	4/16/2020 3:14:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Products		All pieces of each assembly were 316 stainless steel besides the light fixture and its mounting bracket to the unistrut assembly which were aluminum. The J-Boxes were verified to be 6"x6"x4" stainless steel. The unistrut was verified to be 1 5/8" for the main run and 7/8" for the J-Box attachment. The equipment support nuts, bolts and fittings used to attach the assemblies to the embedded girder unistrut were in conformance with the specifications and submittals.	Conformance	4/16/2020 3:14:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Products		The conduits in panel 101 are for a Fire Phone that will be placed in a NEMA 4x cabinet at the roadway barrier. The conduit block out was found to be a foot low at this location. Since the conduits will come up into the NEMA 4x cabinet. The block out location was not an issue. All conduit and hardware was visually inspected to be in conformance of the specification (316 stainless steel). The unistrut and hardware provided matched the Hayden Unistrut submittal. Please see the attached pictures and plan sheet.	Conformance	3/20/2020 3:38:25 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.2 Products		J. Equipment Supports Part #1-19 - all materials are in accordance with the following spec. The materials used were verified against the following submittal. Aconex # C70-SECO-ARC-ML-000001.	Conformance	2/8/2021 2:04:51 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.2 Products		H. EMT was used within the Normal Power Room of the CDOT Building. Please reference pictures attached to the audit.	Conformance	2/8/2021 2:04:51 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		2.2 Products		H. Electrical Metallic Tubing (EMT) - Elbows and Couplings - the elbows and coupling follow the approved specification and materials submittal. Reference Aconex Submittal # C70-SECO-ARC-ML-000001.	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		2.2 Products		H. Electrical Metallic Tubing (EMT)- Reference Aconex Submittal # C70-SECO-ARC-ML-000001.	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.2 Products		The following materials were in accordance with specification. Reference Aconex Submittal # C70-SECO-ARC-ML-000001. D. Hot Dipped Galvanized Rigid Metal Conduit, H. Electrical Metallic Tubing (EMT), H. Electrical Metallic Tubing (EMT) - Elbows and Couplings, H. Electrical Metallic Tubing (EMT) - Compression Couplings. These items were also checked against Buy-America requirements.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		3.1 General		D. Conduit less than 3/4 inch trade size shall not be used unless otherwise noted on the contract drawings. All conduits installed in the MCC/Emergency Power room were in accordance with this specification.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover	1/13/2021 8:55:52 AM - 07:00	3.1 General		<p>Part D. Conduit shall not be attached to tunnel wall unless shown on contract drawings. Reference Cover Systems Plan Sheet CM-252. The conduit runs on this plan sheet are diagrammatical only. There are conduits mounted on the wall panels of Abutment 3 at the East Bookend. The conduit placement should have been verified with wall panels. Please see attached photos. An RFC will be generated to capture the following concerns. 1. Can the conduit be placed behind a wall panel or be moved? 2. Aesthetic issues with surface mounted conduits. Bob Hays and Tim Nelson have discussed this issue.</p>	Approved by RFC	1/18/2021 2:08:46 PM -07:00	Audit Comment	<p>210114 Revised Response: See Request For Clarification 000749.</p> <p>An RFC will not be submitted. See attached e-mail from manufacturer.</p> <p>"...the preferred method is to run the counterpoise up in FRE conduit on the face of the wall as running it behind the wall (which I am assuming has rebar in it) has the potential to introduce RF interference along the AM loop."</p>	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover		3.1 General		D. Conduit less than 3/4 inch trade size shall not be used unless otherwise noted on the contract drawings. All conduits installed were in accordance with the following specification	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.1 General		The unistrut assemblies included the lights and J-Boxes. Conduit and male lighting fixture whips will be installed later. The conduit used in the approved penetrations into the J-Boxes were verified to be 1" inside diameter.	Conformance	4/16/2020 3:14:49 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	3.1 General		3.1 General E. The original detail was sent through a none engineered workflow in Aconex and approved by IQC. The plan was reviewed in the field and was inadequate. Field drilled holes for the support brackets and missing gaskets in the comments above were addressed in the re-submittal an approved by an engineer.	Field Resolved	7/14/2020 8:32:35 PM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	5/12/2020 4:42:59 PM - 06:00	3.3 Installation		<p>3.3 Installation, B., 8. Do no use dissimilar metals in conjunction with each other. This issue was highlighted as a QCAT Field Resolution Email. The Loctite #262 that is mentioned in the Lighting Manufacturers Memo was not submitted as an approved material to prevent galvanic corrosion. The threads between the cast aluminum housing and the stainless steel bolts is the main area of concern. Please provide further clarification that Loctite #262 can be used to separate the two dissimilar metals and the quantity that is required to ensure galvanic corrosion is prevented. If any other areas on the lighting assemblies have dissimilar metals. Using Loctite with these luminaries as protection has been used on other projects in Colorado in which Sturgeon has been involved. Please submit the appropriate paperwork via Aconex to close out the comment.</p>	Memo was reviewed by EOR and accepted.	5/31/2020 3:45:51 PM -06:00	Audit Comment	KIC received a memo from Sturgeon and the manufacturer to clarify the dissimilar metal concern. The memo was submitted to WSP Via RFC.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		3.3 Installation		All of the j-boxes were NEMA-4X and in accordance with the submittal. Each assembly had an identification number. Permanent labeling will be provided later.	Conformance	4/16/2020 3:14:49 PM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		3.3 Installation		B. Installation of Raceways - the conduit that was installed is in accordance with the specification. Please reference the attached pictures.	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		3.3 Installation		A. Installation of Fittings - the installation was in accordance with the approved specification	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover		3.3 Installation		F. Installation of Boxes - the emergency power panels we installed in accordance with the following specification.	Conformance	4/5/2021 10:29:48 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	3/17/2021 2:16:53 PM -06:00	3.3 Installation		H. Identification - Identification was provided in accordance with Spec 250553.	Conformance	3/17/2021 1:47:32 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	3/17/2021 2:16:53 PM -06:00	3.3 Installation		A Installation of Fittings, 5. The RIO is installed inside the Cover which will be wet and damp. The conduit connectors and hubs penetration the cabinet utilized gaskets.	Conformance	3/17/2021 1:47:32 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Electrical	Cover	3/17/2021 2:16:53 PM - 06:00	3.3 Installation		Conduits running into Junction Box above RIO-WB-08 are as follows: 12 total conduits. (C3018, C3019, C6213, C4308, C6212, C5227, C5228, C5229, C5230, C6203, C8904, C8905). 3 conduits are Temporary for the Bi-directional phase in accordance with FDC-000486. The following conduits have been installed in accordance with the following specification and the conduit schedules in the RFCed Plans.	Conformance	3/17/2021 1:47:32 PM - 06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	3/17/2021 2:16:53 PM - 06:00	3.3 Installation		B. Installation of Raceway, 1. Install exposed raceways parallel or at right angles to walls and ceiling beams. Conduits on the ceiling that terminate into the junction box above RIO-WB-08 do not follow the specification mentioned above. Chee Ly with IQC and Jacob Medina with Sturgeon have been tracking this work to ensure it is fixed to the appropriate standard. This is also tracked in the weekly Electrical Task Force held on Mondays at 11:30am. Reference the photos attached.	Adequate	4/6/2021 5:07:23 PM - 06:00	Audit Comment	SECO Response: The intent of the specification is to ensure main conduit runs through the tunnel (longitudinal and transverse) are ran parallel or at right angles to walls and ceiling beams. Specification 260501 Basic Materials	Closed



										<p>and Methods for Electrical Work 3.3 Installation; B. Conduit Installation Requirements; 6. Changes in Direction: Shall be made with symmetrical bends or cast metal fittings.</p> <p>The factory manufactured phenolic conduit offsets were utilized in this congested area to avoid other conduits, boxes, and fixtures.</p> <p>Manufactured phenolic conduit offsets cannot be modified.</p>	
Central 70	C 0704-241	Electrical	Cover	3/17/2021 2:16:53 PM - 06:00	3.3 Installation		F. Installation of Boxes - The RIO cabinet follows the specification and drawings. All hardware was 316SS. No holes were drilled in the RIO cabinet for mounting.	Conformance	3/17/2021 1:47:32 PM -06:00	C	Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Building	Cover		3.3 Installation		All sections under 3.3 installation were followed for the rough of the Normal Power Room of the CDOT Building. Reference plan sheets EL-111, EL-112 & EL-120 for equipment. Reference EL-010 for Building equipment and conduits. Reference EI-090 for associated junction box schedule. All conduits are considered diagrammatic on the associated plans. Please see the attached pictures.	Conformance	2/8/2021 2:04:51 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	3/4/2021 9:28:16 AM - 07:00	3.3 Installation		B. Installation of Raceway , 1. Install exposed raceways parallel or at right angles to walls and ceiling beams. Conduits on the ceiling that terminate into the junction box above RIO-WB-10 do not follow the specification mentioned above. Chee Ly with IQC and Jacob Medina with Strugeon have been tracking this work to ensure it is fixed to the appropriate standard. Reference the photos attached to this audit.	It was modified already to adhere to the specification. The KMP response was not required.	4/9/2021 3:52:38 PM -06:00	Audit Comment	The intent of the specification is to ensure main conduit runs through the tunnel (longitudinal and transverse) are ran parallel or at right angles to walls and ceiling beams. Specification 260501 Basic Materials and Methods for Electrical	Closed



										<p>Work 3.3 Installation; B. Conduit Installation Requirements; 6. Changes in Direction: Shall be made with symmetrical bends or cast metal fittings.</p> <p>The factory manufactured phenolic conduit offsets were utilized in this congested area to avoid other conduits, boxes, and fixtures.</p> <p>Manufactured phenolic conduit offsets cannot be modified.</p>
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	3/4/2021 9:28:16 AM - 07:00	3.3 Installation		Conduits running to RIO-WB-10 from junction box (C3020, C4310, C6205, C5233, C5234, C5501, C5503, C5504, C6215). The following conduits have been installed in accordance with the following specification and associate RFCed Cover conduit schedule. Please reference the attached pictures.	Conformance	3/3/2021 7:11:31 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	3/4/2021 9:28:16 AM - 07:00	3.3 Installation		F. Installation of Boxes - The RIO cabinet follows the specification and drawings. The cabinet size was changed through an RFC. All hardware was 316SS. No holes were drilled in the RIO cabinet for mounting.	Conformance	3/3/2021 7:11:31 PM -07:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		3.3 Installation		B. Installation of Raceways - With RFC-632 conduit C-8897 was re-allocated to C-1570 for WB and C-8597 to C-8570 for EB Jet Fan Motor Heater Circuits. A separate gutter was provided for the Jet Fan Motor Heater wiring for EB and WB MCCs. RFC-619 can be referenced for Motor Heater wiring requirements in relation to Spec 235585.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		Part A Installation of Fittings (Part #1 thru #6) and Part B Installation of Raceways (Parts #1 thru #15) were followed during the installation. Please see attached photos for this installation.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		E. Conduit Cleaning - Part #1 thru #4 were followed throughout installation up to wire pulling.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed

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Central 70	C 0704-241	Building	Cover		3.3 Installation		F. Installation of Boxes - MCC/Emergency Power Room (Plan Sheet EL-109), Associated Junction Box Schedule (Plan Sheet EL-090). Reference Aconex # C70-SECO-SYC-ML-000034. The following submittal includes Boxes and Gutters that will be utilized instead of the Junction boxes depicted on Plan Sheet EI-109. Conduits and Junction Box placement are diagrammatical according to the spec. So the gutters can be substituted for junction boxes. NEMA 1 Junction Boxes and Gutters were approved through NDC-000684.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		C. Bends - Parts #1 thru #4 requirements were followed throughout the installation.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		Ground bars were installed in accordance with the following specification as well as 260526 Grounding and Bonding of Electrical Systems Part 3.3 Installation.	Conformance	1/26/2021 9:07:56 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	3.3 Installation		Part A. 5. In Wet or Damp locations, terminate conduits entering conduits	Adequate	4/14/2021 7:38:57 AM -06:00	Audit Comment	EOR Response - The Specification	Closed



						sheet-metal boxes or sheet-metal equipment enclosures with gaskets. The conduits terminating within the limits of the deluge risers are not terminated into junction boxes or sealed in anyway. Please see attached photos. Reference comment #6 for more information.				n section referenced applies to field conduits routed outside of enclosures and/or cabinets, requiring gaskets for the sealing of conduit penetrations into the enclosure/cabinet. The subject conduits (photos) are sealed at their penetration through the fire rated panel that makes up top of the deluge valve cabinet (DVC). Once inside the DVC, these conduits are extended down to the deluge valves to facilitate control and monitoring cable whips on to devices and instruments. All wiring within the
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	3.3 Installation		Part B. Installation of Raceways, #11 Where conduits pass through above ground fire walls, seal hold around the conduit to the full depth of the material penetrated using UL listed fire stop material. Closure and fire plate will be provided by others. Reference Shop Drawing FP005 of 21.	Conformance	4/12/2021 1:33:06 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	3.3 Installation		Part B. Installation of Raceways, #3 Conduit Support - the conduit is supported in accordance with the following specification. Please see the attached pictures.	Conformance	4/12/2021 1:33:06 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	3.4 Field Tests		Part A.10. The original detail did not include gaskets for the field drilled holes. The addition of the gaskets ensured the NEMA 4x rating was maintained. This was approved by the engineer after the plan was resubmitted through the appropriate workflow.	Field Resolved	7/14/2020 8:32:35 PM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	3.4 Field Tests		Part A.10. According to the approved plan, there should be two rubber gaskets. One on the inside face and one on the outside face. There was only one rubber gasket installed in the field. Please see the approved installation detail attached to comment #6. See the attached the installation photos. This was discussed the Chee Ly of IQC.	Resolved	10/19/2020 10:27:38 AM -06:00	NC-2	ENCR 229 was written to address this issue	Closed
Central 70	C 0704-241	Emergency Power	Cover	4/8/2021 9:36:59 AM - 06:00	3.3 Installation		Part D - Equipment Aligning. In the SECO Cover Systems - Generator R2 submittal (Aconex C70-SECO-ELC-SHD-000010), shop drawing P2019-0078C Stub Up Arrangement, General Note #3 - The pad must be flat and level in all directions. A grade of "level" in also called out on Plan Sheet EPF-104. The slab was not poured flat or level. There are noticeable gaps between the fuel tank skid and a variety of slopes that contribute to this issue. Please see the attached pictures.	NCR 2503	2/17/2021 3:16:46 PM -07:00	NC-2	This is being tracked in NCR-2503	Closed



Central 70	C 0704-241	Emergency Power	Cover	4/8/2021 9:36:59 AM - 06:00	3.3 Installation		Part A of the following specification was followed. The installation was in strict accordance with the manufacturers instructions and generator submittal.	Conformance	1/11/2021 11:27:31 AM -07:00	C		Closed
Central 70	C 0704-241	Emergency Power	Cover	4/8/2021 9:36:59 AM - 06:00	3.3 Installation		Part B - vibration isolators between the fuel tank skid and the foundation have not been provided or installed.	Adequate	4/9/2021 3:56:42 PM -06:00	Audit Comment	3.3.B Installation of Diesel Generating Unit states: "Provide vibration isolators to isolate vibrations from the diesel generating unit to the foundation. Type, number, and arrangement of the isolators shall be as recommended by the manufacturer of the assembled unit." The vibration isolators are for the generating unit, not the fuel tank. Location of vibration isolators are as per	Closed



										<p>the manufacturer's recommendation. These are located between the frame of the generating unit and the fuel tank/skid frame.</p> <p>See C70-SECO-ELC-SHD-000010 SECO Cover Systems - Generator R2): Drawings 0500_4357 (Sheet 3 of 5) and drawing P2019-0078C (Sheet 1 of 7)</p>		
Central 70	C 0704-241	Emergency Power	Cover	4/8/2021 9:36:59 AM - 06:00	3.3 Installation		Part C of the following specification was followed. Cleaning and touch up of the generator enclosure was not required.	Conformance	1/11/2021 11:27:31 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover	4/7/2021 4:27:37 PM - 06:00	3.4 Installation		A. Free Standing UPS, Part 2 - Installation of the batteries shall be verified prior by a battery manufacturer representative unless batteries are supplied as an integral unit of the UPS. Please see the attached paperwork from manufacturers representative. Please see the attached manufacturers test report which was received on 4/1/2021. Aconex #C70-SECO-SYC-TRST-000008.	Conformance	4/5/2021 12:27:06 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Emergency Power	Cover	4/7/2021 4:27:37 PM - 06:00	3.4 Installation		A. Free Standing UPS, Part 1 - UPSs shall not be energized without the written authorization of the factory representative. We are still missing paperwork for the following requirement. Please provide paperwork from the Vertiv representative. Please see the email string requesting this paperwork in the weeks prior to this assessment. The initial UPS startup was conducted on Friday, January 22nd. The final startup test was conducted on Monday, February 22nd. Please provide PC checklists related to the work conducted leading up to the March Startup Test completion	Adequate	4/9/2021 3:53:28 PM -06:00	Audit Comment	The UPS's were energized by the factory representative on site. The documentation for the successful energization was uploaded to Aconex.	Closed
Central 70	C 0704-241	Electrical	Cover	11/11/2020 7:52:22 AM - 07:00	3.2 Installation		MCC Submittal - All Post-Installed Anchors shall be approved for Seismic loads. Post installed concrete anchors are approved for Seismic loads. Please reference the following submittal. (SECO Cover Systems – super Stud Wedge Anchor R1, C70-SECO-SYC-ML-000017)	Conformance	11/9/2020 4:34:35 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	11/11/2020 7:52:22 AM - 07:00	3.2 Installation		1. Install MCCs in accordance with manufacturer's recommendations and as shown on the Contract Drawings. Please see the attached letter from the manufacture superseding the seismic requirements provided in the following Aconex document. (SECO Cover Systems Motor Control Center R2, C70-SECO-ELC-SHD-000005)	Conformance	11/9/2020 4:34:35 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	11/11/2020 7:52:22 AM - 07:00	3.4 Field Tests		Part B. An inspection of the MCC installation was not completed in accordance with ANSI/NETA ATS - 2009 Section 7.16.2.1 required by this specification. Torquing of the anchors were completed with a calibrated torque wrench. Please see the attached pictures.	Conformance	11/9/2020 4:34:35 PM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		2.2 Material		C. Tunnel Antenna System - Cut Sheet GE-008 Wire Tunnel Loop Installation Detail - the loop at each expansion joint was installed in accordance with the detail provided on this plan sheet. Please reference the attached pictures.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed

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Central 70	C 0704-241	Communications	Cover		2.2 Material		C. Tunnel Antenna System, Part 7 - Cut Sheet GE-005 (Aconex # C70-SECO-SYC-SHD-000017) Stand-off supports rod installation detail - the supports rods were installed less than the max spacings of 20ft. The radiator wire was run in accordance with contract drawings. All associated hardware was provided in accordance with the material schedule.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		2.2 Material		Part C. Tunnel Antenna System - the cable on the tunnel ceiling conforms to the submittal and following specification. (PSCC Firewall LSZH--(UL) 8AWG Type XHHW). Please see the attached pictures.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover	1/13/2021 8:55:52 AM -07:00	2.2 Material		Section C. Tunnel Antenna System Part 8. The counterpoise wire shall be run near the jersey barrier, as indicated on the Contract Drawings, or other installation method recommended by the Supplier and approved by the Engineer of Record. So these conduits can be moved but with EOR approval.	Approved by RFC	1/18/2021 2:08:42 PM -07:00	Audit Comment	210114 Revised Response: See Request For Clarification 000749. Section C, 4. The AM Tunnel Radiator shall consist of loops of #8AWG copper building	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 General		Part F - Since the rough-in of the system is still in-progress work the Labeling has not yet been provided.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		Part B & C - the current rough-in layout was in accordance with this specification and submittal cut sheets. There were no conflicts with where the lines are currently installed.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		Part D - a follow up inspection will be conducted at a later date to ensure the manufacturer representative inspection was conducted.	Conformance	2/23/2021 9:43:47 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		C. The Contractor shall coordinate layout and installation of radio antenna and building penetration with other construction. The penetration was placed in accordance with plans and specs.	Conformance	4/21/2021 3:05:01 PM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		E. Grounding shall be provided as recommended by the manufacturer.	Conformance	4/21/2021 3:05:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover	4/7/2021 4:27:05 PM - 06:00	1.3 Submittals		Subsection B Shop Drawings, Part 1 - A B & C are satisfied in the following Aconex #C70-SECO-SYC-ML-000004 Submittal. Pages 146 thru 170 provide all associated components and details to install the PA/VA speakers.	Conformance	4/5/2021 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover	4/7/2021 4:27:05 PM - 06:00	3.1 Installation		The junction box and conduit routing are in accordance with RFC-491. Each speaker will utilize 1 seal tight flex conduit. The PA Conduit System depicted on CM-306 is diagrammatical in nature. An Additional audit will be conducted on the wiring once completed.	Conformance	4/5/2021 10:29:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover	4/7/2021 4:27:05 PM - 06:00	3.1 Installation		Subsection C. Equipment Rack - Please see the attached photos. Reference shop drawing AV4.00 for equipment rack layout. The rack equipment was installed in accordance with the following shop drawing and requirements 1 thru 4. Additional information is provided in FDC-000555 and RFC-103 for Audio Rack Power Requirements.	Conformance	4/5/2021 10:29:06 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover	4/7/2021 4:27:05 PM - 06:00	3.1 Installation		The western 3 rows of speakers only have 3 speakers instead of the required 5 in the design and sound model. This was due to temporary lighting conflicts. After the lights are removed the remaining speakers will be installed. We will see during testing to see if the minimum audibility requirements can be met. Please see the attached photos.	Adequate	4/9/2021 4:06:34 PM -06:00	Audit Comment	An RFC was written to design and DFD. RFC-000832	Closed
Central 70	C 0704-241	Girders	Structures		(c) Handling, Storage, Shipment and Erection		upon arrival and after erection the Girders were not damaged.	Conformance	12/3/2020 9:11:15 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Overhead Sign Foundations	Signing & Striping	12/4/2020 9:39:42 AM - 07:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		see attached picture for RFC detail and layout. the left angled face was not straight across, the issue was brought up with IQC, and they blew it off and stated that it was not an issue. A field meeting on Monday 11/9/20 was held with Christopher Merrifield (IQC), Philip Mazzarella (discipline Mananger), Katie Lindenman (field Engineer), Adam Mercer (Segment Leader), and Myself (QCAT), to address the issues with subgrade, the bulkheads were place incorrectly, the steel casing for the drill shaft was cut to high, the rebar being incorrect. Phil Mazzarella and Katie Lindenman acknowledged these issues as so, and worked with us very well and promptly to get all issues fixed prior to the concrete being poured on 11/30/20.	Field Resolved	12/3/2020 9:08:46 AM -07:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		The work was performed in accordance of this specification. Please see the attached submittal and RFC-446 which allowed the material to be changed from the original plan sheet.	Conformance	10/14/2020 9:31:53 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	Structures		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		the rebar cages were build per the shop drawings with matched with the details in the plans.	Conformance	11/2/2020 12:28:41 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	UPRR Structures		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		it was observed that all dimensions and location of work conformed with the plans	Conformance	5/5/2021 9:21:41 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	6/24/2021 2:11:17 PM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Quadguard II attenuators installed on the median barrier in the lowered section of I-70 (currently located on the temp EB lanes) are missing an end transition piece between the attenuator and the protected obstruction. This panel is required for traffic which is approaching the attenuator from the rear in the temporary configuration. In the final configuration this panel will also be required for attenuators in the permanent EB lanes which are being approached from the rear. (Attached is a schematic showing the system orientation, the sheet for the current install showing it is only mean for one way traffic approaching from the nose, the graphic from the mfg showing a transition panel is required for traffic approaching the attenuator from the rear, and a photo of the current installation.)	During final traffic phase, this will be verified.	8/10/2021 9:49:26 AM -06:00	Audit Comment	The attenuator was not installed. During final alignment The transition piece will be installed as shown on the drawings	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Guardrail	Roadway	6/24/2021 2:11:17 PM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		The attenuator located on the median just west of Fillmore will require a shoe transition be mounted to the vertical face wall. This wall does not match the manufacturers drawings to accommodate a shoe and has a junction box which may conflict with the anchors for the shoe transition panel. The corner of the vertical face wall shall be chamfered (5.5" by 10.5") similar to the concrete back up. (See the Transition install sheet attached to item 1 and the attached photo.)	Attenuator was removed for this traffic phase.	8/10/2021 9:50:17 AM -06:00	Audit Comment	Attenuator was not installed.	Closed
Central 70	C 0704-241	Cap Beams	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		all reinforcement bars were in spec of the shop drawings.	Conformance	7/27/2020 5:30:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pump Station	Cover		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		since the pumps that were originally planned to be installed at the pumpstation were no longer available, a field restricted activity meeting was conducted and a new RFC was developed for the pumps that are going to be used now. The restricted activity is: Restricted Activity 0145 - WEST NDC 349 Pump Station Top Slab and Fillets Rebar Fabrication and Pour.	Conformance	8/27/2020 2:05:56 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		ALL WORK WAS IN ACCORDANCE WITH THE REVIEWED SHOP DRAWINGS, SEE ATTACHED PHOTOS	Conformance	6/25/2020 11:40:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		all rebar was inspected and conformed to all shop drawings	Conformance	10/1/2020 10:39:41 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		SIDEWALK WAS PLACED AFTER THE FIRE HYDRANT SHOWN IN PICTURE WAS NOTICED AS BEING PLACE IN THE WRONG LOCATION, THEREFORE THE SIDEWALK WAS PLACE ON NON COMFORMING WORK. SEE ATTACHED PICTURE FOR REFERENCE. This issue was discussed with IQC/PC, IQC is writing an NCR so that the rework/design can be tracked.	Field Resolved	9/3/2020 2:40:45 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Pump Station	Drainage		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		after the IQC rebar inspection the day before I noticed that the L - bars located at the north side up against the formed wall were tied in backwards. I mentioned this to the foreman as the IQC inspector had already left. I showed the foreman the shops and he agreed that they were installed incorrectly and corrected them immediately. see attached pictures for reference.	Field Resolved	9/30/2020 10:12:24 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		all work conformed with the show drawings and working drawings. see attached pictures	Conformance	7/17/2020 2:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		all work was in accordance with the plans	Conformance	11/3/2020 1:14:03 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		All work was performed in accordance with the following other submittals: CDOT Basement Field Resolution, NDC-000501, NDC-000505, RFC-000474, RFC-000514, RA-0139, RA-0140.	Conformance	6/30/2020 1:14:45 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		locations and grades are in accordance with the plans and reinforcement is in accordance with the shop drawings.	Conformance	11/3/2020 1:28:58 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		All work performed was in accordance with the plans and specs.	Conformance	7/14/2020 12:14:54 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		all work was in conformance with all plans and submittals	Conformance	1/4/2021 1:17:43 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	8/27/2020 12:00:00 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		The rebar was installed in accordance with approved RFC and shop drawings.	Conformance	8/27/2020 2:05:12 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	7/2/2020 4:24:53 PM - 06:00	6. The shop drawings, working drawings, other submittals and all revisions shall be signed and sealed for the Contractor, by a professional engineer registered in the state of Colorado when required by the specifications. Submittals without the required signature and seal will not be accepted and will be returned to the Contractor without action.		1. The structural steel shop drawings were missing signatures and never made it all the way through the workflows. 2. The rebar shop drawings were rejected. NDC-534 needed to be added.	Addressed	7/28/2020 12:25:01 PM -06:00	Audit Comment	KIC and KMP have met and discussed PCP-06 revision to address gaps in the shop drawing process	Closed
Central 70	C 0704-241	Fabricate MSE Panels	Walls		The Engineer will review the shop drawings to evaluate that general conformance with the design concept and that general compliance with the information given in the plans and specifications has been achieved.		Engineer reviewed and approved design shop drawings, including providing comments and review of geometry for NDC-156. Shop Drawings did not require resubmittal for work to continue. IQC noted ReCo to submit clean copy with EOR comments for the record.	Conformance	6/10/2020 7:15:02 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Fillmore - Sequence of Operations		The sequence of operations was followed each day the girder erection took place. Wednesday, Feb. 19th Thursday, Feb. 20th and Friday, Feb. 21st. The tolerances for placement were extremely tight. The girder erection took longer than expected but this was due to these tight placement	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Fillmore - Erection Sequence & Rigging Plan		The rigging and the erection sequence was followed throughout the placement of each girder. 1. Lifting from the truck to the goldhofer and shoring tower. 2. Tying girder to goldhofer and the reconfiguration of the rigging on the end of the girder. 3. Moving the goldhofer to set girder on abutment cap.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Fillmore - Temporary Works		The shoring tower was inspected by the Engineer on Wednesday morning before the girder erection took place. Each girder was secured on each cap or abutment before the rigging was removed from the girder.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Contingencies: 1) Unplanned event (Storms, Traffic Accidents, Etc.)		There was a snow storm late morning into early afternoon on Wednesday, Feb 19th. This did not hinder the girder erection that day. The girders for span 2 were not delivered until Friday morning due to concerns of hazardous road conditions.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Contingencies: 2) Structural Elements that do not fit or line up.		The placing Girder 1 of Span 1 in the SE corner of Fillmore was a foreseen problem. The concrete bulge on the existing viaduct column had to be chipping down to accommodate the new girder. Please reference the attached pictures.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Contingencies: 3) Replacement of workers who do not perform work safely		All of the workers involved in the operation were safe.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Contingencies: 4) Equipment Failure		There were no equipment failures over the days this operation took place.	Conformance	2/22/2020 1:24:32 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	7/28/2020 12:00:00 AM - 06:00	2.3 Luminaire Mounting Hardware		There was missing hardware on the j-boxes. Some included only one nord lock washer when the approved detail requires (2) nord lock washers and (1) 1/4 fender washer. Please add the appropriate washers or adjust detail to allow for (2) nord lock washers. Some bolt torque checks were complete. Further inspection required after Sturgeon submits torque logs in Aconex. Please reference attached photos.	Field Resolved	8/10/2020 8:37:00 AM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	7/28/2020 12:00:00 AM - 06:00	2.3 Luminaire Mounting Hardware		The hardware matched the requirements and details provided in the submittal. Connections include the luminaries, assembly to ceiling and unistrut to unistrut. Plastic washers were included as separation between dissimilar metals (Light housing to steel light bracket). Please reference pictures attached to comment #2.	Conformance	8/10/2020 8:37:00 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting	Cover	9/9/2020 3:32:17 PM - 06:00	2.3 Luminaire Mounting Hardware		The luminaire mounting hardware was in accordance with the plans and specifications.	Conformance	9/8/2020 9:25:24 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting	Cover	9/9/2020 3:32:17 PM - 06:00	2.4 Luminaire Labels		The labels matched the specification. The over laminate was installed over each label which is required by FDC-000293. Please reference the attached pictures for the area that was audited.	Conformance	9/8/2020 9:25:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	7/28/2020 12:00:00 AM - 06:00	2.4 Luminaire Labels		The luminaire label matched the specification. The over laminate was installed over each label which was required by FDC-000293. The lights/assemblies that were audited are in the attached picture. Location: Lighting assemblies under Clayton St Bridge (Tree Trench to Tree Trench).	Conformance	8/10/2020 8:37:00 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	7/28/2020 12:00:00 AM - 06:00	3.1 General		Fixtures were placed the wrong direction. Black arrows on luminaire face should face oncoming traffic. Please see attached picture.	Field Resolved	8/10/2020 8:37:00 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Lighting	Cover	9/9/2020 3:32:17 PM - 06:00	3.1 General		The lighting unistrut assemblies at the East Bookend included the appropriate hardware in accordance with the unistrut assembly submittal with appropriate revision for light fixtures and j-boxes. The "SECO Cover Systems - Luminaire Unistrut Assemblies" submittal needs to be updated to include the J-Box Assembly Drawing Revision. Please see attached revision.	Discussion in ITP Task Force resolved the issue.	10/19/2020 10:30:36 AM -06:00	Audit Comment	Discussed in the ITP task force for the cover and in a separate meeting for cover submittal audit performed by IQC.	Closed
Central 70	C 0704-241	Girders	Structures	3/24/2020 4:19:24 PM - 06:00	Sequence of Operations: Phase 1		Sequence of operations detailed in safety critical was followed.	Conformance	3/24/2020 8:07:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures	3/24/2020 4:19:24 PM - 06:00	Additional Actions		All workers operated in a safe manner, with 100% tie off.	Conformance	3/24/2020 8:07:39 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures	3/24/2020 4:19:24 PM - 06:00	Traffic Handling		All traffic control was implemented safely. MHTs were followed, however the double lane closure on EB I-70 and the right lane closure on SB Colorado were not listed in the LCR update.	Please ensure that LCR stays up to date prior to other erection operations if weather pushes operation.	3/25/2020 11:26:00 AM -06:00	Audit Comment	Lane closures on EB I70 were covered under the various lane closures. Colorado was missed due to the rescheduling from weather but needed for girder delivery	Closed
Central 70	C 0704-241	Girders	Structures	3/24/2020 4:19:24 PM - 06:00	Bracing Drawings and Calcs		Bracings were installed according to calculations.	Conformance	3/24/2020 8:07:39 AM -06:00	C		Closed
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:10:26 PM - 06:00	206 Structural Backfill Zone (see M-206-1 "Pipe in Trench") - Density Test - 1 per 200 cuyd (1 per structure)		Per OA frequency guide found in CDOT's Field Materials Manual a field density test must be performed on both Structure Backfill Class 1 & Class 2 at each drainage structure on the project. IQC was unable to provide any supporting evidence that these tests were taken at each location.	acceptable	11/18/2021 2:30:29 PM -07:00	Audit Comment	PER our material Quantities for 206-c1 contractor placed 288777 cy, required density: 1444 IQC preformed 1948 density tests that's 500 more densities. IQC has been following MTIP 1/200 cy or 1 per structure.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241		IAT Materials Testing	6/24/2021 2:10:26 PM - 06:00	206 Structural Backfill Zone (Class 2 backfill of 604 drainage structures) - Density Test - 1 per 200 cuyd (1 per structure)		Per OA frequency guide found in CDOT's Field Materials Manual a field density test must be performed on both Structure Backfill Class 1 & Class 2 at each drainage structure on the project. IQC was unable to provide any supporting evidence that these tests were taken at each location.	acceptable	11/18/2021 2:30:41 PM -07:00	Audit Comment	PER our material Quantities for 206-c2 contractor placed 74498 cy, required density: 373 IQC preformed 604 density tests that's 231 more densities. IQC has been following MTIP 1/200 cy or 1 per structure.	Closed
Central 70	C 0704-241	Girders	Cover		Sequence of Operations - Cover Girders (G0212 to U1212)		The sequence of operations outlined in the Safety Critical was followed. Set the first 6 girders East of Columbine (Plan Sheet B050.200) (Girder U21-2 to U26-2) on Wednesday, March 25th. Set 8 girder East of Columbine (Plan Sheet B050.200) (Girder U27-2 to U34-2) on Thursday, March 26th. Please reference the pictures attached to comment #5.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Sequence of Operations - Cover Girders (G0212 to U1212)		The sequence of operations matched what is defined in the Safety Critical Plan. This the 8th day of girder set. This will continue until Wednesday, April 8th. Please see attached pictures. The following girders were set today: G69-2 to G75-2 (7 girders).	Conformance	4/6/2020 4:31:36 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic accidents, etc.)		There was a snow storm which keep them from placing girders on Friday, April 4th. There were no weather event observed on Monday, April 6th.	Conformance	4/6/2020 4:31:36 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic accidents, etc.)		There were no unplanned storm events on either day of Girder Erection.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		All workers performed their duties safely.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		All workers performed their duties in a safe manner on each day of girder set.	Conformance	4/6/2020 4:31:36 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		There were no equipment failures on the days girders were set.	Conformance	4/6/2020 4:31:36 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		All equipment was working properly.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		Some of the girders did have girder sweep. This left the girders with some unfavorable tight gaps between each one that was set. The girders will still set on the girder center line. Please see the attached pictures.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		During my observation, there were no unforeseen difficulties that affected the operation.	Conformance	4/6/2020 4:31:36 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		As I mentioned in the previous girder set audit "CVI_Girders_MBailey_267", some of the girders had sweep which decreases the 1" gap between the girders. This has been the case on each day of girder set. This is being monitored on each day.	Conformance	4/6/2020 4:31:37 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		All of the caps were ground level to ensure the placement of girders would not be hindered in anyway. An additional 1/4" shim was required under girder G25-2 along pier 2. This adjustment was made after all girders were set.	Conformance	3/27/2020 8:20:50 AM -06:00	C		Closed

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Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	3/17/2021 2:16:02 PM - 06:00	3.2 Installation		Part D - All equipment mounting hardware was SS316 stainless steel following this specification. Reference pictures attached to the audit for anchor bolts and associated hardware.	Conformance	3/17/2021 1:48:38 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	3/17/2021 2:16:02 PM - 06:00	3.2 Installation		Part E - The location of all equipment and devices prior to installation was verified with the engineer of record. Plan Sheet ME-002 for location.	Conformance	3/17/2021 1:48:38 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	3/17/2021 2:16:02 PM - 06:00	3.2 Installation		Part A - The equipment was mounted using the approved Air Quality Monitoring - Mounting Details and Product Data. Please reference Aconex # C70-KIE-SYC-SHD-000004. Approved by IQC on 3/16/2021. Please see the attached pictures.	Conformance	3/17/2021 1:48:38 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	4/26/2021 10:35:55 AM - 06:00	3.2 Installation		Reference Plan Sheet ME-010, General Note #4 - All interconnecting cables shall be in conduits. The conduit currently installed currently serves as a sleeve. The manufacturer supplied cables have the connectors already on the cable and are unable to tie them into a junction box. This was discussed with Tim Otter on 3/16 and 3/17/2021. Please	Adequate	5/25/2021 12:43:22 PM -06:00	Audit Comment	Reference Plan Sheet ME-010, General Note #3 - Install per manufacturer's requirements and in accordance with the National Electric Code. The interconnecting cables	Closed



						see the attached email from Tim Otter for the direction Sturgeon should take when installing these conduits. Please see attached photos.			<p>were provided by the manufacturer with pin connectors and installed into the manufacturer's provided junction box and sensing unit's connection points.</p> <p>The manufactured junction box does not allow a direct conduit connection nor a modification to the box to allow a direct conduit connection.</p>
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	4/26/2021 10:35:55 AM - 06:00	3.2 Installation		<p>C. All wiring shall be installed in accordance with related electrical specification sections. According to 260533, 3.3 Installation, A, 5. In Wet or damp locations, terminate conduits entering sheet-metal boxes or sheet-metal equipment enclosures with gaskets using connectors and/or hubs having gaskets. The conduit ends for the 1 1/2" Power and 1 1/2" COMM leading to the RIO are open to the elements above the equipment. The email attached to comment #1 requires the ends of the conduit to be sealed in lieu of a junction box required by the spec above. Please develop an RFC to clarify how the ends of the conduits will be sealed with engineer concurrence.</p>	Adequate	5/25/2021 12:43:29 PM -06:00	Audit Comment	<p>The ends of the conduits will be sealed with an NEC compliant duct seal. An RFC is not required as General Note #3 on ME-010 states to install in accordance with the National Electric Code.</p>	Closed

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Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety	3/17/2021 2:16:02 PM - 06:00	3.3 Factory Tests		Part B - Provide certified factory test reports prior to manufacturer shipment of any equipment. Please provide report.	Adequate	4/14/2021 7:39:45 AM -06:00	Audit Comment	AQMS factory acceptance test data was provided via hard copy from the manufacturer. RK Mechanical will submit documentation via Aconex to process via the appropriate work flow. See Aconex document # C70-RKMECH-SYC-RPT-000002.	Closed
Central 70	C 0704-241	Building	Cover	8/12/2020 4:56:29 PM - 06:00	2.2 Materials		F. Sleeves - The following sleeves meet the requirements under this specification. See attached submittal.	Field Resolved	8/10/2020 8:36:32 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Electrical	Cover	4/12/2021 1:53:36 PM - 06:00	3.1 General		3.1 General - A. Electrical installation shall conform to the requirements of NFPA 70 and NFPA 502, and to the requirements specified herein. NFPA 70 - 300.9 Raceways in Wet Locations Abovegrade – Where raceways are installed in wet locations abovegrade, the	Adequate	4/14/2021 7:38:51 AM -06:00	Audit Comment	EOR Response - 310.10 (C) allows compliance with 1 of the 3 methods listed. Cables within the subject conduits as they are routed through the Cover are	Closed



interior of these raceways shall be considered to be a wet location. Insulated conductors and cables installed in raceways in wet locations abovegrade shall comply with 310.10(C) NFPA 70 - 310.10 C – Wet Locations. Insulated conductors and cables used in wet locations shall comply with one of the following:1. Be moisture-impervious metal-sheathed

listed for use in a wet location complying with 310.10 (C) (3) “Be of a type listed for use in wet locations”. These same listed conductors enter the DVC and emerge from the conduits. However, as described in previous responses above, once inside the enclosure or cabinet, wiring and boxes within are considered internal and are protected from exterior conditions by the enclosure or cabinets construction. It is understood that SECO will be installing cable sealing glands where the



											cables emerge from the conduits to establish a clear boundary from inside the conduit to outside the conduit within the DVC. See attachment in #5 for EOR response.	
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		2.2 Pipe, Tube and Fittings		IQC did not complete the inspection to say Zone WB-03 was 100% complete. The bolts were torqued after the audit was submitted due to the original Non-conformance which is now changed to a Field Resolved. The torque on the couplers (Gruvlok Couplings - Rigidlok Coupling) were not in accordance with the ANSI Specified Bolt Torque Table provided in the material submittal. Four couplers were checked without the presence of IQC. After the issue was found, I torqued four more couplers in Zone WB-03 with Mark Walston as the IQC witness . All couplers in Zone WB-03 failed the torque requirements. Four additional couplers were checked in WB-04 with IQC to ensure it was a systemic issue.	Field Resolved	1/19/2021 1:32:14 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		2.2 Pipe, Tube and Fittings		The drainage piping and connections conform to the following specification. Please reference the pictures attached to this audit.	Conformance	2/17/2021 2:50:48 PM -07:00	C		Closed



Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		2.2 Pipe, Tube and Fittings		The drainage piping and connections conform to the following specification. Please reference the pictures attached to this audit.	Conformance	2/23/2021 9:44:39 AM -07:00	C		Closed



Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		2.3 Valves		Deluge Zone WB01 is not 100% complete. The remaining piping and fire suppression dropdown heads around the Jet Fans were installed this week. Hydrostatic testing on Zone WB01 is expected to be conducted March 1st. Deluge Zone WB02 was completed and hydrotested the week of 1/4/2021. Part C Deluge Valve Assemblies - The deluge valve assembly was inspected against AERO Shop Drawings (FP005 of 21) and RFC Drawings. All parts and pieces can be found using detail "2DC Deluge Valve P&ID" (FP005 of 21). The "valve position indicator" from the P&ID was not mounted to each deluge valve when the inspection was conducted. Pressure gauges on Deluge Zone WB01 are in a temporary condition. A follow up inspection will be conducted to ensure the monitoring of devices is appropriate which includes the " valve position indicator". Please reference the attached pictures.	Conformance	2/23/2021 9:44:39 AM -07:00	C		Closed
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		2.3 Valves		Part C Deluge Valve Assemblies - The deluge valve assembly was inspected against AERO Shop Drawings (FP005 of 21) and RFC Drawings. All parts and pieces can be found using detail "6in Bermad Model FP 400Y - 2DC Deluge Valve P&ID" (FP005 of 21). The "valve position indicator" from the P&ID was not mounted to each deluge valve when the inspection was conducted. A follow up inspection will be conducted to ensure the monitoring of devices is appropriate which includes the "valve position indicator". Please reference the attached pictures.	Conformance	2/17/2021 2:50:48 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		Part E - The valve assemblies will be accessible for operation and servicing in accordance with this specification. Another inspection will have to be conducted to ensure the final configuration of the Deluge Valve Cabinets/Doors follow this accessibility requirement.	Conformance	2/17/2021 2:50:48 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		Part L - The drainage piping following the routing provided on FS-008. All 4 deluge valves are tied into one network of piping. A sleeve was present for the masonry wall installation. The deluge assembly water will be discharged to the Eastbound roadway (South Half) (Following Detail Note #19 of the Shop Drawings).	Conformance	2/17/2021 2:50:48 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		The piping was installed with compound on the threads. Horizontal brackets will be attached to the adjacent masonry walls at a later date so not springing forces were present at the time of inspection.	Conformance	2/17/2021 2:50:48 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		Part L - The drainage piping following the routing provided on FS-008. All 4 deluge valves are tied into one network of piping instead of WB & EB deluge valve drainage being seperated. Reference shop draining FP005 of 21. A sleeve was present for the masonry wall installation. The deluge assembly water will be discharged to the Eastbound roadway (South Half) (Following Detail Note #19 of the Shop Drawings).	Conformance	2/23/2021 9:44:39 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		Part E - The valve assemblies will be accessible for operation and servicing in accordance with this specification. Another inspection will have to be conducted to ensure the final configuration of the Deluge Valve Cabinets/Doors follow this accessibility requirement.	Conformance	2/23/2021 9:44:39 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		3.1 Installation		Part K- The piping was allowed to expand and contract without stressing the pipe, joints, or connected equipment. Horizontal brackets will be attached to the adjacent masonry walls at a later date so not springing forces were present at the time of inspection.	Conformance	2/23/2021 9:44:39 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM -07:00	3.1 Installation		Part D. The sprinkler piping was installed to be free draining at the western most sprinkler head.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM -07:00	3.1 Installation		G. Orient directional heads were provided at the piping along abutment 3 and pier 2. The directional heads were properly installed.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM -07:00	3.3 Identification		Deluge pipe identification complies with NFPA 13 and WSP Spec Section 200553 for Piping Labels. The labels shows the flow direction, has the appropriate letter height and the color in accordance with ASME A13.1.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Josephine - Sequence of Operations		The showering tower use on the first day of girder erection was brought to the project the day before but wasn't set up until the morning of the girder erection. The shoring tower was too tall for the girder erection. The grade was not cut to the appropriate grade before the shoring tower was erect. A hole was dug approximately 4ft deep to account for the height of the tower. A level was used to ensure the grade was level and shovels were used to remove loose soil. The operation of altering the soil condition right before the girder is considered extremely unsafe. Please see attache pictures.	Addressed	5/30/2020 12:42:50 PM -06:00	Audit Comment	Acknowledged. The changes were addressed with KIC crews and followed KIC's TSCD designee.	Closed
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Josephine - Erection Sequence & Rigging Plan		The configuration was not provided in the plan.(Josephine Girder Erect...2020 - Winslow - IQC)The rigging arrangement for picking from the shoring tower while the other end of the girder was on the goldhofer. Please reference the attached picture in comment #1.	Addressed	5/30/2020 12:43:01 PM -06:00	Audit Comment	Acknowledged see comment #1.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Josephine - Temporary Works		The girders were supported with temporary bracing after each girder was set in accordance with the plan.	Conformance	4/10/2020 1:30:02 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Contingencies: 1) Unplanned event (Storms, Traffic Accidents, Etc.)		There were no unforeseen events. A 2 hour delay was caused from the shoring tower height in Comment #1.	Conformance	4/10/2020 1:30:02 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Contingencies: 2) Structural Elements that do not fit or line up		All elements lined up.	Conformance	4/10/2020 1:30:02 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Contingencies: 3) Replacement of workers who do not perform work safely		All of their workers performed their duties safely.	Conformance	4/10/2020 1:30:02 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures	4/14/2020 8:05:50 AM - 06:00	Contingencies: 4) Equipment Failure		There was no equipment failure observed.	Conformance	4/10/2020 1:30:02 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All work was completed in accordance with the appropriate Plans and Specification		The slope was not cut to a 2H:1V. This work will be tracked as incomplete. The utilities that will be installed across this area in the coming days will be problematic which will make it harder to come back and fix it later. Please see the attached email chain and pictures. The bottom of pipe was measure to be 1'3" from the bottom of the abutment. The underdrain was originally 3ft from the abutment but was moved to 4ft away after IQC inspection.	Field Resolved	4/16/2020 4:04:21 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All work was completed in accordance with the appropriate Plans and Specification		The underdrain matched the crown of the roadway/structure.	Conformance	4/24/2020 8:59:53 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures	5/11/2020 7:46:01 AM - 06:00	All work was completed in accordance with the appropriate Plans and Specification		The work for the Josephine Abutment 3 Structural Underdrain was not constructed in accordance with BS011. If other details are required. They must be approved through the appropriate project processes.	Addressed	5/30/2020 12:41:08 PM -06:00	NC-2	ENCR 0130 was written to address this issue	Closed
Central 70	C 0704-241	Substructure	Structures		The orientation of the underdrain pipe was in accordance with the Manufacturers specification (In Submittal)		The orientation of the under drain was incorrect in comparison to the submittal. The crew was notified and it was fixed right away. Please see attached pictures.	Field Resolved	4/16/2020 4:04:21 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Substructure	Structures		The orientation of the underdrain pipe was in accordance with the Manufacturers specification (In Submittal)		Orientation was correct.	Conformance	4/24/2020 8:59:53 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Class B Filter Material was tested in accordance with CDOT Std Spec 206		Class B Filter Material was placed in lifts with a compacted effort.	Conformance	4/24/2020 8:59:53 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		The Class B Filter Material was tested in accordance with CDOT Std Spec 206		Class B backfill meet appropriate grading requirements for filter material.	Conformance	4/16/2020 4:04:21 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		No girders were placed before the Cellular Concrete was placed. (If girders are installed, flowfill maybe used in lieu of cellular concrete)		Flowfill was used as backfill over the underdrain burrito wrap. Girder were installed before the placement of flowfill.	Conformance	4/16/2020 4:04:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		No girders were placed before the Cellular Concrete was placed. (If girders are installed, flowfill maybe used in lieu of cellular concrete)		Flowfill was placed on 4/17/2020. IQC was onsite to witness the wrap prior to the flow fill.	Conformance	4/24/2020 8:59:53 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work was completed in accordance with the appropriate Plans and Specifications		The work was completed in accordance with the appropriate plans and specifications.	Conformance	6/22/2020 8:56:23 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		All work was completed in accordance with the appropriate Plans and Specifications		Backfill observed was completed according to plans.	Conformance	6/16/2020 12:02:09 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Precast Type 7 Concrete Barrier, the cast-in-place barrier sections shall be constructed compete with connecting hardware (conforming to Standard Plan M-606-14) may be formed upside down to minimize air pockets and improve surface finish.		Connecting hardware was installed	Conformance	11/3/2020 4:09:33 PM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		no sections had more than 5 square feet of spalls	Conformance	11/3/2020 4:09:33 PM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier installed was in proper working condition.	Conformance	7/14/2020 12:17:16 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier is not damaged.	Conformance	5/11/2020 11:00:49 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Conformance	Conformance	1/18/2021 8:51:55 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		Connecting loops were in acceptable condition.	Conformance	4/27/2021 8:36:31 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		No hooks or loops were damaged.	Conformance	7/14/2020 12:17:16 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Gaps between units shall not exceed the dimensions shown in the plans.		conformance	Conformance	6/2/2021 1:29:10 PM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Gaps between units shall not exceed the dimensions shown in the plans.		Gaps were per plan.	Conformance	4/27/2021 8:36:31 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Gaps between units shall not exceed the dimensions shown in the plans.		J-hooks were noted as not being engaged and were brought up to the team which was addressed prior to opening the new configuration.	Conformance	6/7/2021 7:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Gaps between units shall not exceed the dimensions shown in the plans.		Barriers with gaps were brought up to team in a proactive approach and they were addressed immediately	Conformance	6/7/2021 7:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Care shall be taken during fabrication, storage, handling and transporting to prevent cracking, twisting, or other damage. Minor chips on edges may be patched with the approval of the Engineer. Breakage and chipping may be cause for rejection. Units damaged in such a way as to impair their appearance or suitability, in the opinion of the Engineer, shall be replaced at the Contractor's expense.		A cracked barrier was noticed and brought up to KIC management who replaced the barrier.	Conformance	6/7/2021 7:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		****All Items moved to MOT/Traffic Control Devices/Concrete Barrier****		Barrier placement appears acceptable.	Conformance	1/18/2021 8:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		"The height of the reinforced concrete base is 1'-1"" minimum."		concrete base for bridge railing is in conformance having a 1'-2" height.	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		"The height of the reinforced concrete base is 1'-1"" minimum."		Areas measured were in conformance	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		"The height of the reinforced concrete base is 1'-1"" minimum."		Concrete reinforced base was measured and was within spec 1.3" throughout.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Dimensions of the reinforced concrete base match those shown on BS044.		The reinforced concrete base had the correct dimensions that were shown in BS044 throughout the whole bridge.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Dimensions of the reinforced concrete base match those shown on BS044.		railing base is in conformance with the plans.	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Mid run posts are spaced at 10'-0" Maximum (measured center of post to center of post). When post spacing needs to be reduced to maintain the spacing from the expansion joint the spacing shall be 6'-8" Minimum.		mid run posts were spaced out and the maximum of 10'-0" spacing.	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	6/17/2021 11:40:40 AM -06:00	Mid run posts are spaced at 10'-0" Maximum (measured center of post to center of post). When post spacing needs to be reduced to maintain the spacing from the expansion joint the spacing shall be 6'-8" Minimum.		Mid run posts are spaced 10' Max.	Conformance	6/15/2021 7:21:13 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Mid run posts are spaced at 10'-0" Maximum (measured center of post to center of post). When post spacing needs to be reduced to maintain the spacing from the expansion joint the spacing shall be 6'-8" Minimum.		Post spacing was measured to be 10' on center on March 30, as the concrete placement.	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Posts shall be perpendicular to the longitudinal roadway grade.		Posts are perpendicular to roadway grade.	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Posts shall be perpendicular to the longitudinal roadway grade.		All post were perpendicular to the longitudinal to the roadway grade throughout the bridge.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	6/17/2021 11:40:40 AM - 06:00	Posts shall be perpendicular to the longitudinal roadway grade.		Posts are set perpendicular to the roadway grade	Conformance	6/15/2021 7:21:13 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Posts shall be perpendicular to the longitudinal roadway grade.		railing post are perpendicular to the roadway	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The tube splice dimensions match those shown on the Tube Splice Detail shown on BS044.		tube splice dimensions are in compliance.	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The tube splice dimensions match those shown on the Tube Splice Detail shown on BS044.		The tube splice dimensions are the correct ones shown on the tube splice detail BS044.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Reflector tabs are installed at each post between the top and bottom rail per M606 -1 using a 5/8" diameter bolt with hex nut and lock washer.		The reflector tabs where installed at each post with the correct bolts with a hex nut and a lock washer.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Reflector tabs are installed at each post between the top and bottom rail per M606 -1 using a 5/8" diameter bolt with hex nut and lock washer.		Tabs are installed	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Reflector tabs are installed at each post between the top and bottom rail per M606 -1 using a 5/8" diameter bolt with hex nut and lock washer.		reflector tabs are installed to spec with the correct hardware.	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Center to top rail to center of bottom rail is 11.25"		the vertical spacing of the two rails are 11.25"	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Center to top rail to center of bottom rail is 11.25"		From center to center on both rails is 1 foot.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer, & lock washer.		The rail was connected to the post with the correct nuts and washer.	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Connection of the rail to post is made using a 2.75" diameter by 2" threaded anchor stud with hex nut, hardened washer, & lock washer.		all the correct hardware was used for the rail to post connection.	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		The distance from the top of the top rail to the top of sidewalk is 2'-11" minimum.		the distance from the top of the rail to the sidewalk was measured to be at or above 3'-0".	Conformance	1/4/2021 1:18:32 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The distance from the top of the top rail to the top of sidewalk is 2'-11" minimum.		From the top of the rail to the top of the sidewalk is 3 feet	Conformance	5/31/2020 3:50:57 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes (Drains, Rail, Barrier, Joints)	Structures		The distance from the top of the top rail to the top of sidewalk is 2'-11" minimum.		Verified, see attachment	Conformance	5/14/2020 4:40:15 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		1. Verify that the Contractor's Process Control Plan has been submitted and approved. The Process Control Plan will document the Contractor's proposed sampling and testing procedures for quality control of pavement thickness. It shall address the sampling and testing method and frequency for traffic lanes, shoulders, intersections, entrances, and crossovers. Use the Process Control Plan to verify conformance of quality control by the Contractor.		Submitted.	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Check that the subgrade/base has been constructed to the required grade and crosssection and compacted to the required density.		IQC approved placement	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Check that the subgrade/base has been constructed to the required grade and crosssection and compacted to the required density.		The grade was constructed in conformance of the plans.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Proof rolled?		A proof roll was conducted at this location the previous day by Dan Cannon.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Proof rolled?		Proofroll was performed by IQC	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. The final grade must be in a smooth and non-frozen condition.		Grade was smooth and not frozen	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. The final grade must be in a smooth and non-frozen condition.		The grade was smooth and not frozen.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		4. Properly referenced for line and grade?		The pavement grade was appropriate to match each edge of the concrete pavement already installed.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Check that longitudinal construction joints are properly located, especially with respect to lane lines.		The longitudinal joints match the Bridge Jointing Plan that was approved.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		3. Verify the correct installation of keyways. It is preferable to construct female keyways.		Keyways with the appropriate projection steel was installed in accordance with the plans. Please see attached pictures for this placement.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. Verify the correct installation of keyways. It is preferable to construct female keyways.		Pre-formed key ways used	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		4. Where tie bars are specified, verify the diameter and length of the epoxy coated bars for conformance. Observe the insertion operation for proper location and spacing of bars. Ensure that the Contractor demonstrates, by testing, the required pullout resistance where tie bars are stabbed or drilled and epoxied into place. (2) Epoxy coated? (3) Correct size?(5) Correct spacing?		The approved tie bars were installed at each end of the placement from the previous pours. Tie bars were also installed throughout the placement at the transverse joint.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		5. Verify that transverse construction joints are properly located and constructed. Check to ensure the location of joints for conformance with minimum spacing requirements.		The transverse joints match the Bridge Jointing Plan that was approved.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		5. Verify that transverse construction joints are properly located and constructed. Check to ensure the location of joints for conformance with minimum spacing requirements.		CCD/CDOT/KMP meet to discuss joints.	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. The concrete should be vibrated across the full width of the slab.		Vibrators were used	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. The concrete should be vibrated across the full width of the slab.		A mechanical vibrator was used to consolidate the concrete. It was observed that consolidation was consistent across the entire placement width.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		2. Observe consolidation and require any needed frequency adjustments.		The consolidation effort was adequate.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Immediately after finishing, check that the surface and edges are completely and uniformly sprayed with an approved impervious membrane material.		Curing compound was applied uniformly immediately after the final finishing operation were completed.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Immediately after finishing, check that the surface and edges are completely and uniformly sprayed with an approved impervious membrane material.		Cure applied.	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Immediately after finishing, check that the surface and edges are completely and uniformly sprayed with an approved impervious membrane material.		Concrete was properly cured	Conformance	10/1/2020 10:44:49 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Concrete shall not be exposed for more than 10 minutes before being covered with curing compound.		Concrete was properly cured	Conformance	10/1/2020 10:44:49 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. Verify the rate of application for conformance.		Concrete was properly cured	Conformance	10/1/2020 10:44:49 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. Verify the rate of application for conformance.		The applied rate of curing compound was adequate.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Just ahead of the placement operation, verify that the grade is kept moist without creating standing water or soft spots. Additional sprinkling of the grade may be required throughout the day, especially during hot, dry, and windy conditions. a. No ponding of water of subgrade?		The grade was kept moist throughout the placement of concrete.	Conformance	5/18/2020 8:37:15 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Just ahead of the placement operation, verify that the grade is kept moist without creating standing water or soft spots. Additional sprinkling of the grade may be required throughout the day, especially during hot, dry, and windy conditions. a. No ponding of water of subgrade?		Grade was moist.	Conformance	10/1/2020 10:30:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Posts installed perpendicular to the direction of traffic flow.		One No Parking sign post on the south side of Monroe before Jackson was not installed perpendicular to traffic. (See attachment - item #1460)	188	9/9/2020 2:36:09 PM -06:00	NC-2	ENCR 188 was written to address this issue	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	Posts installed perpendicular to the direction of traffic flow.		Conformance: Kearney signs & Monaco Signal sign	Conformance	3/5/2021 7:07:07 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Posts installed 2' min. from the front face of curb.		Conformance	Conformance	5/26/2020 1:56:46 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Post is 2" square telespar 12 gauge steel tubing unless otherwise approved.		All posts are 2"	Conformance	5/26/2020 1:56:46 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	Post is 2" square telespar 12 gauge steel tubing unless otherwise approved.		Conformance: Kearney signs & Monaco Signal sign	Conformance	3/5/2021 7:07:07 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	3/5/2021 11:03:54 AM - 07:00	The lowest sign is 7' minimum from finished grade surrounding the sign.		Conformance: Kearney signs & Monaco Signal sign	Conformance	3/5/2021 7:07:07 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	The lowest sign is 7' minimum from finished grade surrounding the sign.		Height is below 7' on the following the stop sign for EB Monroe at Jackson, the advisory speed sign below the left turn sign on SB Jackson just after Monroe, and the No Parking sign on Monroe SB after 46th. (Attachment Items 1461, 1462, & 1465)	188 written	9/9/2020 2:36:18 PM -06:00	NC-2	ENCR 188 was written to address this issue	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		The lowest sign is 7' minimum from finished grade surrounding the sign.		All signs were at least 7' from grade.	Conformance	6/14/2021 1:43:59 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	No Parking & Street Sweeping signs installed 45 degrees from the direction of traffic.		All No Parking signs are missing the banding or brackets turning the signs 45 degrees from traffic.	188 written	9/9/2020 2:36:25 PM -06:00	NC-2	ENCR 188 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	All signs 90 degrees from the direction of traffic (Excluding No Parking & Street Sweeping Signs)		Conformance	Conformance	5/26/2020 1:56:47 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Posts installed in hardscape/sidewalk areas have a telespar sleeve and do not have a concrete foundation.		All sign foundations regardless of location have a concrete foundation. Please provide documentation via Aconex from CCD approving the use of the concrete sign foundations with a telespar sleeve in hardscape and sidewalk areas.	Punch list will be developed on walk.	9/9/2020 2:37:31 PM -06:00	Audit Comment	KIC, IQC and CCD walked the signage on 5/26/2020. As soon as the signage concerns are addressed we will re-walk the area and use the Monroe area as the standard for CCD signage.	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Telespar sleeve is 3" min. above finish grade.		Grade around the sleeves it not finished but some sleeve do not appear to have the required projection to be 3" above finish grade.	Punch list will be developed on walk.	9/9/2020 2:37:34 PM -06:00	Audit Comment	KIC, IQC and CCD walked the signage on 5/26/2020. As soon as the signage concerns are addressed we will re-walk the area and use the Monroe area as the standard for CCD signage.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	Concrete foundations in sod/vegetation areas are 4" below the finished grade.		Grade around the the foundation is it not finished but some do not appear to be 4" below the future finish grade.	Punch list will be developed on walk.	9/9/2020 2:37:36 PM -06:00	Audit Comment	KIC, IQC and CCD walked the signage on 5/26/2020. As soon as the signage concerns are addressed we will re-walk the area and use the Monroe area as the standard for CCD signa	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	5/27/2020 8:13:08 AM - 06:00	The sign post is embeded into the concrete foundation 2' and has two 6" galvanized bolts installed through the telespar.		Signs with a foundation have a telespar sleeve which is not required by CCD Standards. Please provide documentation via Aconex from CCD approving the sleeves being used with the concrete foundation in vegetative and sod areas.	Punch list will be developed on walk.	9/9/2020 2:37:39 PM -06:00	Audit Comment	KIC, IQC and CCD walked the signage on 5/26/2020. As soon as the signage concerns are addressed we will re-walk the area and use the Monroe area as the standard for CCD signa	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Erection Sequence - Cover Girders		The girder set followed the sequence of operations in the Safety Critical. 8 girders (G133 to G140) were set on May 26th. 5 girders (G141 to G145) were set on May 27th. 2 girders (G146 and G147) were set on May 28th.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		A thunder storm occurred on Thursday, May 28th. The girder set was delayed until the last lighting strike was far enough away.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		All workers performed their duties safely.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		During my observation, there were no equipment failures.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		There were no unforeseen difficulties with the girder set.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		Girder G146 required additional bearing pads after it was initially set.	Conformance	5/31/2020 3:44:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls	7/9/2020 4:55:22 PM - 06:00	The geocomposite drain for subsurface drainage behind a retaining wall shall be placed along the full length of the wall. It shall be attached to the wall with an approved adhesive or in accordance with the manufacturer's recommendations.		Weep holes are located every 24' per plan. However, some weeps are within 2' of a construction joint or expansion joint which goes against WS103 detail. 2' minimum required. Grading should also be completed to ensure weeps are 3" + or - from finish grade. Weeps need to be cleaned out as they do contain dirt from grading operations.		9/9/2020 2:29:55 PM -06:00	Audit Comment	The weep hole location and cleanliness has been addressed with multiple grading crews and wall crews. In addition these are a focal point during punchlist walks.	Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	The geocomposite drain for subsurface drainage behind a retaining wall shall be placed along the full length of the wall. It shall be attached to the wall with an approved adhesive or in accordance with the manufacturer's recommendations.		Wall drains were being constructed as of this date.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	The geocomposite drain material shall then be placed along the downhill side, or the pavement side, of the trench and secured to the trench side.		It was on the correct side of the wall.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls	8/31/2020 12:00:00 AM - 06:00	Backfill shall be placed so as to avoid damage to the geocomposite drain material.		Backfill was being placed by hand in this location.	Conformance	9/2/2020 7:49:39 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		The trench for French drain shall be excavated to the width and depth shown on the plans. The trench shall be lined with Geotextile (Drainage) (Class 3) and filled with the designated filter material to the depth shown on the plans.		The perimeter underdrain was installed in accordance with plans with the appropriate filter material.	Conformance	7/9/2020 8:16:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The trench shall be excavated to the dimensions and grade shown on the plans.		The trench was excavated in accordance with the dimensions and grade provided in the plan. Reference plan sheet DR-008 for the dimensions.	Conformance	10/14/2020 9:31:53 AM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The trench shall be excavated to the dimensions and grade shown on the plans.		Trench measurements were equal to or slightly more than the minimum dimensions shown in the plans on page DTLCT-01 in plan grid	Conformance	2/3/2021 8:08:48 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Sufficient Geotextile (Drainage) (Class 3) shall be placed along the bottom and sides of the trench as shown on the plans to provide the required overlap over the top of the filter material. Filter material of the class designated on the plans shall be placed in the bottom of the trench for its full width and length.		Geotextile was placed into the trench prior to backfill and then overlapped over the top of pipe/backfill when completed as shown in picture	Conformance	2/3/2021 8:08:48 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Perforated pipe shall be placed with the perforations down and the pipe sections shall be joined securely with the appropriate coupling fittings or bands. Joining shall conform to the applicable requirements of subsection 603.07 except as noted above.		Pipe was installed per plans.	Conformance	6/8/2020 2:16:59 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The remainder of the filter material shall then be placed to the required height, the drainage geotextile folded over the top of the filter material, and the remainder of the trench backfilled.		Filter material and geotextile were installed per plans.	Conformance	6/8/2020 2:16:59 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		The remainder of the filter material shall then be placed to the required height, the drainage geotextile folded over the top of the filter material, and the remainder of the trench backfilled.		Filter material was placed on top of the pipe and then fabric overlapped over the top in all areas that are prepped.	Conformance	2/3/2021 8:08:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MOT Plan Implementation	Maintenance of Traffic (MOT)	8/21/2020 4:50:26 PM - 06:00	11. Traffic Shifts Major		The Safe to Open for the NB lane of Colorado Blvd on 6/30 failed to get the IQCM sign off for not installing the second set of merge signs between the EB off ramp and the left lane closure shown in the plans. It appears the Safe to Open was using an old sheet dated 06/22/20 which is why the issues occurred. Attached is a markup of the sheet which should have been used with an Issued date of 06/23/20 which was released via Restricted Activity 141.	resolved through ENCR 259	4/2/2021 1:29:04 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	8/21/2020 4:51:30 PM - 06:00	12. Traffic Shifts Minor		The IQC Manager did not sign off on the safe to open but modifications were made in the field. Audit Comments from Requirements 1 and 2 of CVI_MOT_Traffic Switch_HTran_425 should be changed to NC-2s as well.	See Expedited NCR 277	9/3/2020 7:51:46 AM -06:00	NC-2	Many attempts were made to get with an IQC inspector. All IQC was out with Covid. Through resent 5whys we have concluded that MOT will now reach out to a discipline manager if IQC is not available.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		12. Traffic Shifts Minor		IQC did not sign off on this switch being safe to open. Traffic was opened in this area without sign off, and no NCR was written. Only after discussing with IQC was Expedited NCR 307 written.	Field Resolved	8/7/2020 12:57:56 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	Wind/Seismic Load Bracing is in accordance with the Tables provided in the Shop Drawings and NFPA 13 Table 9.3.5.12.1? Out-of-plane and in-plane bracing		A seismic brace in Deluge Zone WB01 at Jet Fan #9 was not installed in accordance with the approved shop drawings. Please see the pictures attached. There is not a detail that would allow a post-installed concrete anchor to be utilized with a seismic brace. Anchor can be reference in Aconex #C70-AASC-SYS-SHD-000001 for the Red Head Trubolt Wedge Anchor. The installation on the following anchor in the girder was not witnessed by IQC.	Final approval will be provided in NCR Disposition	3/2/2021 3:24:22 PM -07:00	NC-2	An NCR is being generated (currently DevonWay CR-2021-2077).	Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		Wind/Seismic Load Bracing is in accordance with the Tables provided in the Shop Drawings and NFPA 13 Table 9.3.5.12.1? Out-of-plane and in-plane bracing		The wind and seismic bracing follow the information provided the following requirement.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		Sprinkler Pipe Hanger Spacing is in accordance with the Table provided in the Shop Drawings and NFPA 13 Table 9.2.2.1(a)? Distance from sprinkler to hanger? Shop Drawings Note: Install vertical support hangers within 4 pipe diameters on each side of flexible joint.		The pipe hanger spacing was in accordance with the following NFPA Table and Shop drawing information.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	Sprinkler Pipe Hanger Spacing is in accordance with the Table provided in the Shop Drawings and NFPA 13 Table 9.2.2.1(a)? Distance from sprinkler to hanger? Shop Drawings Note: Install vertical support hangers within 4 pipe diameters on each side of flexible joint.		The hangers were installed in accordance with the sprinkler pipe hanger spacing table on FP104 following NFPA 13 requirements.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	The appropriate hanger hardware is provided		The anchor hardware is in accordance with the approved shop drawing and specification	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		The appropriate hanger hardware is provided		The hanger hardware is in accordance with shop drawings and product submittal. Aconex Doc # C70-AASC-SYC-SHD-000001.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		Shop Drawings General Note: Follow slope of structure/ceiling to the greater extent. Provide a minimum of 1/4" per 10'0".		Each branch line and 6" feeder from the zone header was checked for slope.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	Shop Drawings General Note: Follow slope of structure/ceiling to the greater extent. Provide a minimum of 1/4" per 10'0".		The slope of the piping follows the East Bookend girders which far exceeds the requirements of the requirement.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	The appropriate number of sprinklers and couplings are present?		All couplers were present. Only a portion of the sprinkler heads were installed for the hydrotest conducted on Tuesday, 2/23/2021. The sprinkler head glass bulbs were broken were before the test and could not hold pressure. The sprinkler heads were replaced with caps to ensure system could hold pressure. Please see the photos attached to this audit.	Adequate	3/2/2021 3:21:08 PM -07:00	Audit Comment	Acknowledged. Test procedure for an open head deluge system utilizes a plug to test against.	Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		The appropriate number of sprinklers and couplings are present?		The appropriate number of sprinkler heads were present.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety		All nuts and bolts are SS316?		The nuts and bolts are SS304. The nuts and bolts come in SS304 only. Reference RFC-600/RC-606 for the approval of SS316 vs SS304 and buy-america requirements.	Conformance	1/19/2021 1:32:14 PM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	2/25/2021 9:59:23 AM - 07:00	All nuts and bolts are SS316?		The bolts provided for the couplers were SS304 in accordance with RFC-600/RFC-606.	Conformance	2/25/2021 9:54:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Girders will arrive on site from Plum Creek via I-70. Girder haul trucks will be staged in parallel to the rail road tracks. LCCO personnel will install the fall protection lifeline system to each girder. Once the lifeline system is in place it will be moved into erection position		all girders arrived at the same time and during the staging time all lifeline systems and fall protection was installed during this time.	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girder J will be lifted off of the haul truck with the 230TN Crane. Girder will be swung parallel to bridge. Crane will walk to setting position and set girder. Girder will be braced to Abutment 1 and Abutment 2 per the Bracing Details. Once the bracing is complete, the crane will release the girder		all girders were swung parallel to the bridge and walked into place. see attached pictures	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girders I – A will be set subsequently after J, and will be braced to each other per the Bracing Details		per the bracing plan each girder was braced to the girder next to it on the sides with extra bracing in the center. see attached photos	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		100% tie off will be in effect for any workers 6 feet above ground level or operating/working in a manlift		all workers working in an area above the ground 6' maintained 100% tie off at all times.	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		For the safety of the traveling public, I-70 will be subject to lane closures during parts of the girder erection. We will work with the DRIRR to set girders within their train movements. Proper signage and traffic control will be set up prior to any erection activities starting. All vehicle traffic will follow approved MHT plans for any closure that has been set in place. The contractors engineer will inspect all girders before giving their approval to open the area		during the first 2 girders to be set, the right WB lane on I-70 was closed	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Structures		Crane Operator Certifications		in the safety critical plan a different crane operator was listed, shown in the pictures is the certification of the crane operator used.	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Girders will be braced to each other with the use of 4x4 timber cross bracing.		from girder to girder bracing 4x4 timber was used. see attached pictures	Conformance	7/14/2020 12:12:17 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Sequence of Operations - Cover Girders		Sequence of operations was similar to the East Bookend girder set.	Conformance	7/12/2020 2:44:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		There were not unplanned events related to this work.	Conformance	7/12/2020 2:44:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (2) Replacement of workers who do not perform the work safely		All workers were performing there duties safely.	Conformance	7/12/2020 2:44:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (3) Equipment Failure		There were no equipment failures during my observation.	Conformance	7/12/2020 2:44:34 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		The crane mat was not the appropriate size. The slope was cut to accommodate the crane. The slope does not follow the Mass Excavation Plan used in this area. Please see the attached picture.	Addressed	8/17/2020 5:35:05 PM -06:00	NC-2	ENCR-271 was written to address this issue	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		The concrete distress was observed by Labato before girder erection. I brought this issue up to Ox (Kiewit Super) and Darren Henni (Labato Super) who were aware. The cap needs to be repaired to acceptable standard. Please see attached pictures.	Addressed	8/17/2020 5:36:03 PM -06:00	Audit Comment	Acknowledged. the repair will be scheduled as a hold point for IQC inspection.	Closed
Central 70	C 0704-241	Girders	Cover	7/28/2020 8:56:07 AM - 06:00	Contingencies: (5) Structural Elements that don't fit or line up		All girders fit between the appropriate cap/pier steps.	Conformance	7/12/2020 2:44:34 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	1.4 Submittals		The NEMA 4x cabinet is in conformance with the approved submittal and following specification.	Conformance	7/14/2020 8:32:35 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	2.1 Materials		Part D. The fastener holes were field drilled and not drilled at the factory. Field drilling the holes was addressed and approved in the following submittal "Cover RIO Cabinet Installation Detail R1". See comment #6 for more information.	Field Resolved	7/14/2020 8:32:35 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Electrical	Cover	8/12/2020 4:57:01 PM - 06:00	3.1 Preparation		The appropriate conduit penetrations with couplers were included and field drilled into the cabinet in accordance with plan sheet CM-204.	Conformance	7/14/2020 8:32:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/7/2021 7:31:54 AM - 06:00	3.2 Installation, General		Part E. The flashing boot at the current time is considered temporary and not permanently installed in accordance with this specification. The permanent wall panels were installed at this location. This is the same condition for the all Westbound standpipe locations. Some standpipes are covered with temporary wall panels and easier to access. Please reference the attached photos. Ed Kowal (IQC) and Monte (AERO) were notified when this issue was found. This was change from NC-2 to an Audit Comment after the dispute meeting on April 5th. The work was not complete at the time of the audit. It was agreed that the panels will be removed at a later date to address the issue.	Future assessments will be conducted to ensure other standpipes are sealed in accordance with the spec.	4/9/2021 4:01:17 PM -06:00	Audit Comment	Acknowledged.	Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/7/2021 7:31:54 AM - 06:00	3.2 Installation, General		Part D. The pipe flashing boot was installed and temporarily secured with a stainless steel clamp in accordance with this spec. Please see attached photos.	Conformance	4/6/2021 7:59:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/7/2021 7:31:54 AM - 06:00	3.2 Installation, General		Part B. The cabinet was mounted at the appropriate height in accordance with the approved Fire Suppression Shop Drawings FP007 of 21.	Conformance	4/6/2021 7:59:47 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.6 Quality Assurance		Testing and concrete specimens were created in accordance with the following specification.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.1 Materials		The mix design is in accordance with the following requirements. Please see the attach batch tickets.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Erection Installation Application		Concrete was placed in accordance with the following specification.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Erection Installation Application		Rebar was formed up and covered to protect it from weathering. Proper reinforcement was used throughout to prevent displacement including metal chairs etc. No bars were welded in the foundation.	Conformance	2/26/2021 12:54:10 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	8/14/2020 4:28:36 PM - 06:00	3.2 Erection Installation Application		Part B Loading and use of all new concrete work shall be in accordance with standards set forth by ACI. The concrete placement occurred on Friday, 7/10/2020. The MCCs were placed on Monday, 7/13/2020. Maturity meters were not present in the placement and concrete breaks were not attained before the placement of the MCCs.	Addressed	8/13/2020 3:34:56 PM -06:00	NC-2	NCR 2179 was written to track this issue	Closed
Central 70	C 0704-241	Building	Cover		A. Special Inspection is required for all cmu construction. Provide level B Quality Assurance per the requirements of the masonry society 2013 TMS 402/602/ACI 530-13 Building Code		Special Inspections are completed by ED Kowel. Please see the attached inspection reports.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		A. Special Inspection is required for all cmu construction. Provide level B Quality Assurance per the requirements of the masonry society 2013 TMS 402/602/ACI 530-13 Building Code		The special inspections have been completed by James Kowal of IQC.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		B. Concrete Masonry units shall be laid in running bond		The East wall of the CDOT Building has a combination of wall types. RFC-000601 clarifies the wall type locations along with the areas that are running bond vs stack bond which are both utilized in this wall section.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		B. Concrete Masonry units shall be laid in running bond		The interior wall is built in accordance with the following specification. Reference CAA-100 for the Wall Type 6 call out and CAG-008 for the details for the specific wall type. Please see the attached pictures	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		C. Concrete Masonry Units (CMU) shall conform to ASTM C90, Lightweight, with a Minimum Net Area compressive strength of 2,000 PSI.		The lightweight block is in conformance with the plans and specifications. Please see the attached submittal.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		D. Mortar shall conform to ASTM C270, Type S, Mixed by proportion (Field Mortar) or provided by property (Lab Mortar) with requirements as per ASTM C270. Grout mixed by proportion shall be tested under ASTM C780 and ASTM C1586 for Quality Assurance		Please reference the attached pictures in in comment #2	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		F. Masonry Reinforcement: ASTM A615, Grade 60. Ties and Field bent bars may be grade 40.		The rebar was visual inspected and was in conformance of the following specification.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		G. Maintain clear distance between reinforcing bars and interior of masonry unit or formed surface of at least 1/4" for fine grout and 1/2" for coarse grout, except where cross webs of hollow units are used to support horizontal reinforcement.		The spacing of the reinforcing bars was in accordance with the following specification. Please reference the attached Dailys in comment #1 and the Pictures in comment #2.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		G. Maintain clear distance between reinforcing bars and interior of masonry unit or formed surface of at least 1/4" for fine grout and 1/2" for coarse grout, except where cross webs of hollow units are used to support horizontal reinforcement.		The horizontal & vertical reinforcement was adjusted to maintain the appropriate clearances defined by this specification after an inspection was completed by Ed Kowal.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		H. Maintain minimum clear distance between parallel bars of nominal bar size or 1", whichever is greater.		The clear distance for the parallels bar was in accordance with the following specification for the horizontal steel between openings, lintels above window openings and full wall length above doors and windows. Please reference pictures in comment #8.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		I. Splice length, dowel projection or embedment, and cover shall be as per the concrete masonry reinforcing schedule.		The splices lengths were in accordance with the plans and shop drawings.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		I. Splice length, dowel projection or embedment, and cover shall be as per the concrete masonry reinforcing schedule.		The rebar splice length was in accordance with the plans and shop drawings.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		J. Typical vertical reinforcement unless otherwise noted: a. Structural load bearing wall: #5 @ 48" O.C. see plans and details for additional requirements. b. Interior non-load bearing wall (CDOT Building): #4 @ 120" o.c. c. interior non-load bearing wall (CCD Building): no vertical reinforcing required.		The vertical reinforcement was in accordance with the following general note.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		K. Vertical reinforcement shall extend the full height of the wall unless noted otherwise. Provide vertical wall reinforcing at all wall corners, end of walls, EA. side at wall steps, EA side of openings and EA side of control or expansion joints. Match vertical bars in wall.		Additional reinforcing was each side of the door frame openings. See plan sheet CAS-202 for additional information.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		K. Vertical reinforcement shall extend the full height of the wall unless noted otherwise. Provide vertical wall reinforcing at all wall corners, end of walls, EA. side at wall steps, EA side of openings and EA side of control or expansion joints. Match vertical bars in wall.		The locations for vertical reinforcement was in accordance with shop drawings (04 2200-2B CMU Rebars SDs) plan sheet M2-4 (East Masonry Wall Elevation).	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		M. Bond beams shall be located at 48" O.C. max., the top of all walls and at structural bearing conditions (Minimum). Typical bond beam reinforcement shall be 2-#5 continuous see plans and details for additional requirements.		Bond beams were placed at the appropriate locations throughout the wall in accordance with the plans and shop drawings. Please reference the attached pictures.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		O. Grout all reinforced cells, bond beams and all cells below grade.		All reinforced cells and bond beams were grouted.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		P. Masonry walls shall be grouted in lifts not to exceed 4'-0".		The cells were grouted at appropriate lift thickness.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		P. Masonry walls shall be grouted in lifts not to exceed 4'-0".		Each grout lift followed the 4 foot lift requirement.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		Q. If placement of grout is stopped for one hour or longer provide horizontal construction joints by stopping grout at least 1 1/2" below top course of block.		The grouting operation was continuous during my observation.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		R. Clean cells prior to grouting. (And rod grout into place).		The cells were visually inspected prior to grouting to ensure they were clean.	Conformance	10/2/2020 11:07:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		U. Masonry reinforcing steel shop drawings (includes erection drawings) are required in reproducible form having been checked by the supplier and reviewed by the contractor prior to submission to the architect for review.		CMU rebar shop drawings were reviewed and approved. Please see Aconex Doc #C&O-MBI2-ARC-MIL-000027.	Conformance	9/23/2020 10:15:35 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		A. All structural steel shall be of the grades included below: a. Wide flanges shapes, channels and tees: ASTM A992 (FY=50 ksi) b. Other rolled shapes (angles, plates and bars): ASTM A36 (FY=36 ksi) c. Steel rods and miscellaneous: ASTM A36 (FY=36 ksi) d. Steel Pipe; ASTM A53, Grade B (FY=35 ksi) e. Structural tube sections (TS and HSS): ASTM A500, GR. B (FY=46 ksi)		The reference the attachment under comment #6.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		C. All structural steel shall be detailed, fabricated and erected in accordance with the standards set forth in the latest edition of the AISC Code of Standard Practice.		Please reference NCR-2323 CDOT Roof Beam attachment to Embed in DevonWay. The studs were fusion welded in the wrong locations. After reaming out the holes to there maximum allowable limit set forth by AISC Table J3.3 Nominal Hole Dimensions. The plan was to remove the studs and weld the beams straight to the bearing plate which is in NCR-2323. Please reference the installation photos attached.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		D. Bolts: a. ASTM A325 for all steel-to-steel connections b. ASTM F1554 for anchor bolts (FY=36 ksi)		All steel that was inspected and verified with the plans and shop drawings meets the following specification.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		I. All structural steel is to be primed prior to shipment and touched-up after erection.		The structural steel was primed before placement. The primer had to be removed before the placement of the beams. The ends of the beam in the beam pocket needed to be bare steel to be in accordance with the specification. The structural steel was touched up after erection. Some minor touch up is still required.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	12/10/2020 12:50:22 PM -07:00	I. All structural steel is to be primed prior to shipment and touched-up after erection.		The steel has not been touched up after erection. This work must occur before Sturgeon progresses with electrical installation. Clean up and primer is required in every room of the CDOT Building. Please see the attached photos.	This is being tracked	2/25/2021 4:35:40 PM -07:00	NC-2	This is a punchlist item that now tracked on Plangird on the CDOT/CCD Drawings. NCR-2495 has been cancelled.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		J. Roof Decking: 1 1/2' x 22 gauge wide rib Type "B" field painted gray (1.5B22 as manufactured by vulcraft or approved equal). Decking shall be designed, fabricated and erected as per specifications of the Steel Deck Institute (SDI). Anchor to all supports with 5/8" diameter puddle welds, 5 required per 36" sheet width. Sidelap connections shall be #10 tek screws at 12" o.c., 6 required per deck span length. Shop drawings are required (including erection plans) in reproducible form, having been checked by the supplier and reviewed by the general contractor prior to submittal to the architect for review.		The metal roof decking was in accordance with the following specification. Please see the attached photos for material, puddle welds and tek screw placement. Please reference Aconex # C70-MBI2-ARC-SHD-000002 for Full Metal Shop Drawings.	Conformance	11/18/2020 2:35:59 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/8/2020 9:00:52 AM - 06:00	1.4 Field Conditions		A. Mark locations of exterior luminaires for approval by Architect prior to the start of luminaire installation. The exterior electrical boxes above the doors for the fixture have been installed in the masonry. The luminaire that is specified in "CDOT and CCD Building Concessions Lighting Package" submittal requires the luminaire to be attached to the junction box. Future approval of these locations required	This audit comment has been open for a couple months. ENCR 839 was generated after the lights were physically installed.	3/2/2021 3:18:13 PM -07:00	Audit Comment	Walk was completed and approval given by Abo. See ENCR 839 for attached approval.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		2. Verify all locations and measurements in the field as field conditions may vary from design. Contractor shall verify exact locations in the field before commencing fabrication, ordering and material, or performing any work.		The height of the FDC from the roadway was in accordance with the plans. The hose valves have the appropriate clearances from the door opening in accordance with FDC-512. This was also approved by DFD during a field visit on Wednesday, March 3rd.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	3/15/2021 8:37:40 AM - 06:00	2. Verify all locations and measurements in the field as field conditions may vary from design. Contractor shall verify exact locations in the field before commencing fabrication, ordering and material, or performing any work.		FDC height from the roadway was in accordance with the plans. Hose valves have the appropriate clearances from the door opening in accordance with FDC-512.	Conformance	3/12/2021 1:12:55 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3. Any department from the design on the contract drawings shall be submitted to the engineer for approval.		The PS-4 Pipe Support Detail on Plan FS-120 is not followed for the standpipe section in East of Cook Bridge. The channel was field modified to attach the channel to the drilled shaft. Holes were drilled outside of the manufactured opening for the post installed concrete anchors. The "C" Channel in question was removed and replaced with a new "C" in accordance with plans and shop drawings. Please see the attached pictures.	Field Resolved	10/13/2020 8:43:47 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	3/15/2021 8:37:40 AM - 06:00	4. The lower section fire suppression systems shall conform to the requirements of NFPA 502 and NFPA 14 and NFPA 25. The fire standpipe system shall be installed, inspected and tested as a Class 1 system as defined per NFPA 14.		The FHV-WB01 is installed and tested in accordance with the following specifications.	Conformance	3/12/2021 1:12:55 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		7. Coordination with the finishes drawings for signage details for the standpipe system. Standpipe system signage shall conform to the requirements of NFPA 502 and NFPA 14. Signage shall be provided for the fire hose valve stations, fire department connections, and all valves. All standpipe system components shall be identified with signage and shall included the asset identification number.		Signs were provided in the correct locations with the correct dimensions.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		8. The entire installation shall be inspected, thoroughly cleaned, and damaged finishes touched up after final completion and prior to commissioning. All surfaces and equipment damaged in the course of the work shall be restored to the original condition.		All installations are clean, and no damage was observed.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		8. The entire installation shall be inspected, thoroughly cleaned, and damaged finishes touched up after final completion and prior to commissioning. All surfaces and equipment damaged in the course of the work shall be restored to the original condition.		The entire installation was free of damage.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		9. All dry standpipe and fittings shall be so installed such that the system drains to low point fire hose valve. All required drains are shown. Provide additional drains as necessary. All drains shall be accessible. Drains shall not be located underground		The standpipe and fittings was installed to allow drainage to the low point at the ball drip which was installed. Please reference the photos attached to this audit.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		9. All dry standpipe and fittings shall be so installed such that the system drains to low point fire hose valve. All required drains are shown. Provide additional drains as necessary. All drains shall be accessible. Drains shall not be located underground		The system drains to the low point fire hose valve.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	4/26/2021 10:36:24 AM - 06:00	9. All dry standpipe and fittings shall be so installed such that the system drains to low point fire hose valve. All required drains are shown. Provide additional drains as necessary. All drains shall be accessible. Drains shall not be located underground		The underground piping was installed to allow positive drainage. Ball drips will be installed on the manifold with the FDC cabinet.	Conformance	4/15/2021 7:48:28 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	4/26/2021 10:36:24 AM - 06:00	11. Fire protection piping support spacing shall be based on spacing requirements in NFPA 13 unless otherwise indicated. Rigid coupling are to be used on all above ground piping, unless otherwise indicated.		The FDC was installed in accordance with the stationing in the plans which meets the spacing requirements defined in NFPA 13. Reference FHVL-WB06 on plan sheet FS-111 for further information.	Conformance	4/15/2021 7:48:28 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		11. Fire protection piping support spacing shall be based on spacing requirements in NFPA 13 unless otherwise indicated. Rigid coupling are to be used on all above ground piping, unless otherwise indicated.		The support bracing was in accordance with NFPA 13. Rigid couplings were used on all above ground piping in accordance with this requirement.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		12. Arrangement and configuration of pipe supports has been provided for certain specific areas as shown in the plans. Contractor to provide complete layout, calculation, selection, furnishing, installation of all pipe supports in accordance with contract specifications. Shop drawings shall identify piping elevation, and each fitting and joint location. Support design calculations shall include all applicable loads (Dead Load, Thrust, Etc).		The arrangement and configuration of pipe supports were in accordance with the plans and specifications. Please reference plan sheet FS-118 and FS-119.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		12. Arrangement and configuration of pipe supports has been provided for certain specific areas as shown in the plans. Contractor to provide complete layout, calculation, selection, furnishing, installation of all pipe supports in accordance with contract specifications. Shop drawings shall identify piping elevation, and each fitting and joint location. Support design calculations shall include all applicable loads (Dead Load, Thrust, Etc).		The arrangement and configuration of pipe supports were in accordance with the plans and specifications. Please reference plan sheet FS-118.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		14. See Cover systems fire protection specifications for installation, support and identification details: 200500 Common Work results for Mechanical Piping, Systems and Equipment, 200529 Supporting Elements for Mechanical Piping, Systems and Equipment, 200553 Identification for Mechanical Piping, Systems and Equipment.		The current signage at this location is in accordance with Spec 200553.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		14. See Cover systems fire protection specifications for installation, support and identification details: 200500 Common Work results for Mechanical Piping, Systems and Equipment, 200529 Supporting Elements for Mechanical Piping, Systems and Equipment, 200553 Identification for Mechanical Piping, Systems and Equipment.		The current signage at this location is in accordance with Spec 200553. The verbiage of the sign will be adjusted by DFD request. An additional audit will be conducted on the FDC signage.	Conformance	3/17/2021 1:49:09 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	3/15/2021 8:37:40 AM -06:00	15. See Lowered Roadway Fire Protection for manual dry standpipe details: 211200 Fire Suppression Standpipes.		All associated hardware and pieces were present in accordance with the details provided on FS-119.	Conformance	3/12/2021 1:12:55 PM -07:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		15. See Lowered Roadway Fire Protection for manual dry standpipe details: 211200 Fire Suppression Standpipes.		2.2 Part C. Underground Piping - The Piping was in accordance with the specifications under this section.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	4/26/2021 10:36:24 AM - 06:00	15. See Lowered Roadway Fire Protection for manual dry standpipe details: 211200 Fire Suppression Standpipes.		2.2 Part C. Underground Piping - The Piping was in accordance with the specifications under this section.	Conformance	4/15/2021 7:48:28 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety	4/26/2021 10:36:24 AM - 06:00	16. All pipe shall slope at no less than 1%.		The slope of the pipe was verified in the field.	Conformance	4/15/2021 7:48:28 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		16. All pipe shall slope at no less than 1%.		Field verified.	Conformance	6/2/2021 1:28:41 PM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Piping Systems - Common Requirements		A transition fitting to join dissimilar piping materials was used. Please see attached pictures.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/12/2021 1:54:59 PM - 06:00	3.1 Piping Systems - Common Requirements		The piping was installed in accordance with the following specifications and approved shop drawings. All cross-sections provided on shop drawing FP003 of 21 were used during this audit.	Conformance	4/12/2021 10:02:11 AM -06:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/12/2021 1:54:59 PM - 06:00	3.1 Piping Systems - Common Requirements		Part A - Install pipe, fittings, and valves without springing and forcing. As described in comment 1, not all of the bracing has been installed to date. The fire suppression flush test was conducted on April 8th and 9th.	Adequate	4/19/2021 1:54:40 PM -06:00	Audit Comment	Response from Aero: FDC piping that is being supported by temp wall brackets was disconnected during flush testing.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.5 Sleeve Installation		C. Since penetration through the shotcrete was a cored hole a sleeve was not required. H. A Victaulic gasket system was used around the pipe through the penetration to make it watertight.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		1.6 Submittals		Shop drawings are approved. Reference "Lowered Roadway FDC Details" in Aconex	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		2.1 Metal Pipe Hangers and Supports		The hangers and support system were hot dipped galvanized and met the criteria under this specification. Reference "Lowered Roadway FDC Details" in Aconex.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		2.4 Fastener Systems		The mechanical anchors bolts were in accordance with this specification.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	4/12/2021 1:54:59 PM - 06:00	3.1 Hanger and Support Installation		Piping supports and pipe stands have not been installed when the audit was conducted. Supports used at the FDCs are installed into the non-structural masonry walls. These supports are considered temporary. Please see attached pictures in this audit.	Adequate	4/19/2021 1:54:23 PM -06:00	Audit Comment	Response from Aero: FDC piping that is being supported by temp wall brackets was disconnected during flush testing. Permanent supports will be installed after installation of the sump pit grating.	Closed
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.2 Anchors		The mechanical expansion anchors were installed in accordance with the following requirements under this section.	Conformance	10/13/2020 8:43:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		Structural steel is galvanized in accordance with ASTM A 123. Pole hardware is galvanized in accordance with ASTM A 153. Sign was cleaned prior to erection, Installation was sequenced to result in maximum traffic safety. Signs were erected in conformity with the plans. The sign was inspected at night, no specular reflection observed.	Conformance	2/5/2021 10:41:49 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		Structural steel was galvanized in accordance with ASTM A 123. Pole hardware was galvanized in accordance with ASTM A 153. The sign was clean prior to erection. Installation was of such sequence, resulting in maximum traffic safety. Signs were erected in conformity with the plans. The sign was set and inspected at night by the Engineer and no adjustment were needed.	Conformance	4/27/2021 8:36:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping		Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		Structural steel was galvanized in accordance with ASTM A 123. Pole hardware was galvanized in accordance with ASTM A 153. Sign was clean prior to erection. Installation was of such sequence as to result in maximum traffic safety. Sign was erected in conformity with the plans. Prior to final positioning, the sign was inspected at night by the Engineer and IQC and no adjustments were needed or made.	Conformance	3/29/2021 1:08:50 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		it was observed that all signs were erected per plan. it was observed that all structural steel was galvanized in accordance with ASTM A 123.	Conformance	5/5/2021 9:19:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		all hardware was inspected and the required length of galvanized steel was met. The overhead sign matches what is denoted on the plans.	Conformance	3/12/2021 1:21:33 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		The sequence of erection of new and reset sign installations shall be correlated with the removal of the existing traffic controls. The decision regarding the sequence shall be worked out with the Engineer prior to starting the work.		The sequence of erection of new and reset sign installations was correlated with the removal of the existing traffic controls.	Conformance	4/27/2021 8:36:03 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		Mask sign legend shall consist of providing a separate removable aluminum panel at least 0.040 inches thick and of sufficient dimensions to completely mask the legend. This panel shall be furnished with reflective sheeting conforming to Section 713 and shall be the same color as the background of the sign. Panels shall be securely fastened to the main panel by mechanical means using a minimum number of fasteners. Adhesives, glues or tapes shall not be used.		Panels were securely fastened to the main panel by mechanical means using a minimum number of fasteners. Adhesives, glues or tapes were not used.	Conformance	4/27/2021 8:36:03 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		Mask sign legend shall consist of providing a separate removable aluminum panel at least 0.040 inches thick and of sufficient dimensions to completely mask the legend. This panel shall be furnished with reflective sheeting conforming to Section 713 and shall be the same color as the background of the sign. Panels shall be securely fastened to the main panel by mechanical means using a minimum number of fasteners. Adhesives, glues or tapes shall not be used.		Panels were securely fastened to the main panel by mechanical means using a minimum number of fasteners. Adhesives, glues or tapes were not used.	Conformance	3/29/2021 1:08:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		Chain Link Fabric: 710.03		Chain link fabric and required fittings and hardware conformed to the requirements of AASHTO M 181 for the kind of metal, sizes of wire and mesh specified.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Fence Posts: 710.07		Steel posts were galvanized in accordance with AASHTO M 111.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Field mixed concrete consisting of a minimum of one part cement to six parts of aggregate by volume may be used in lieu of Class B if approved.		Field mixed concrete consisting of a minimum of one part cement to six parts of aggregate by volume was used in lieu of Class B if approved.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The Contractor shall perform such clearing and grubbing as may be necessary to construct the fence to the required grade and alignment		The Contractor performed clearing and grubbing as necessary to construct the fence to the required grade and alignment.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Anchorage, footings or fence appurtenances shall not extend beyond the limits of the highway right of way without the written consent of the abutting property owner		Anchorage, footings or fence appurtenances did not extend beyond the limits of the highway right of way without the written consent of the abutting property owner.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Anchorage, footings or fence appurtenances shall not extend beyond the limits of the highway right of way without the written consent of the abutting property owner		Install per plan.	Conformance	1/18/2021 9:01:56 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		At locations where breaks in a run of fencing are required, at intersections with existing fences, or at ditch, canal, or channel crossings, appropriate adjustments in fence alignment and post spacing shall be made to satisfy the requirements for the type of closure indicated or the conditions encountered.		Install was per plan.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		At locations where breaks in a run of fencing are required, at intersections with existing fences, or at ditch, canal, or channel crossings, appropriate adjustments in fence alignment and post spacing shall be made to satisfy the requirements for the type of closure indicated or the conditions encountered.		Adjustments were made as appropriate	Conformance	9/21/2021 3:08:36 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		When the plans require that posts, braces, or anchors be embedded in concrete, they shall be securely braced to hold the posts in proper position until such time as the concrete has set sufficiently to hold the posts.		All posts were anchored and held in place correctly	Conformance	9/21/2021 3:08:36 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		When the plans require that posts, braces, or anchors be embedded in concrete, they shall be securely braced to hold the posts in proper position until such time as the concrete has set sufficiently to hold the posts.		Anchors were imbedded properly.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	6/17/2021 11:40:40 AM -06:00	When the plans require that posts, braces, or anchors be embedded in concrete, they shall be securely braced to hold the posts in proper position until such time as the concrete has set sufficiently to hold the posts.		Anchor Bolts were imbedded into dry concrete with epoxy. Please replace cracked grout as part of punch list.	We agree that we will address during the punch list walks	6/30/2021 11:36:12 AM -06:00	Audit Comment	KIC has not walked this fence yet. The focal point of fencing walks is the post and anchor tie in and grout pad quality.	Closed
Central 70	C 0704-241	Fencing	Roadway		Unless otherwise permitted, materials shall not be installed on posts, or stress placed on guys and bracing set in concrete until the concrete has set sufficiently to withstand the stress		Concrete strength was acceptable.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		Posts set uniformly.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	6/17/2021 11:40:40 AM - 06:00	The tops of all posts shall be set to the required grade and alignment		Post were set at the proper spacing and correct height and orientation.	Conformance	6/15/2021 7:21:13 AM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		The tops of all posts were set to the required grade and alignment	Conformance	9/21/2021 3:08:36 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		The tops of all posts were set to the required grade and alignment.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		Top of posts were set per plan.	Conformance	10/19/2021 2:44:44 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Fence was set properly.	Conformance	10/19/2021 2:44:44 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Wire or fencing of the size and type required was firmly attached to the posts and braces in the manner indicated.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Wire and fencing was firmly attached to the posts and braces	Conformance	9/21/2021 3:08:36 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Wire attached firmly.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Fencing was firmly attached to posts.	Conformance	1/18/2021 8:52:45 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		All wire was stretched taut.	Conformance	1/18/2021 8:52:45 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		Wire was taught.	Conformance	1/18/2021 9:01:57 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		All wire stretched taut	Conformance	9/21/2021 3:08:36 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		All wire was stretched taut and be installed to the required spacing.	Conformance	2/3/2022 7:16:22 AM -07:00	C		Closed
Central 70	C 0704-241	Fire & Life Safety Commissioning	Fire & Life Safety	12/18/2020 4:00:48 PM - 07:00	1.5 Performance requirements		1.5H Mock-up: A meeting was held to approve the Mock-up Cover Sliding Cross Passage Door on 12/11/2020 at 8:30am. Peter Moran (Kiewit Sup), Eric Drobney (IQC) and Vortex (Technical Rep) were present. Testing in accordance with requirements under this specification are still required. The Engineer or Designee is still required for review and acceptance of the mock-up.	Adequate	2/17/2021 3:16:08 PM -07:00	Audit Comment	A complete mock up and required testing will be scheduled with the EOR/designee and communicated at a future date.	Closed
Central 70	C 0704-241	Block Walls	Walls		2.2 Reinforcing, Ties and Anchors		The approved thermal concrete wingnut anchors were used at each tie elevation. Submittal C70-MB12-ARC-ML-000055	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.4 The foundation was free of dirt and debris before installing the first course.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.3 The units were plumb and true to line and level courses as required.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.1 Lay only dry masonry units	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.7 Joints were 3/8" in running bond with the joint centered over the next lower course masonry unit.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.8 There were no chipped or broken units used in this installation. Please see the attached pictures.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.2 Installation		Part A.5 The units were accurately fit around the door opening, electrical and piping penetrations.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.5 Inspection		The inspection was completed by Eric Drobney (Chk-02676) in accordance with the following specification.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.6 Tolerances		The masonry was in accordance with the tolerances defined under his section of the specification.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		3.7 Cleaning		The masonry surfaces were clean after the work was completed.	Conformance	1/20/2021 6:19:33 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	3.1 Piping Systems - Common Requirements		3.1 Part D - The piping and duct work was installed in accordance with this specification. Condensate piping and remaining condensate pumps still need to be completed. Some air conditioning units were damaged during construction and will be installed at a later date.	Adequate	7/7/2021 10:01:52 AM -06:00	Audit Comment	These items will be addressed during punch list walks	Closed
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	3.2 Hanger and Support Installation		3.2 Hangers and Support Installation - the applicable requirements were followed for the hanger systems.	Conformance	4/15/2021 7:47:24 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	3.2 Hanger and Support Installation		3.2, Part N - Insulated Piping - air conditioning units condensation piping follow the specification	Conformance	4/15/2021 7:47:24 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	2.1 Equipment Labels		2.1, Part B - 2.1 Equipment Label. 2.2 Duct labels. Some labels have been provided on each piece of equipment. Additional information is required by this specification for the equipment labels.	Adequate	7/7/2021 10:02:07 AM -06:00	Audit Comment	These items will be addressed during punch list walks	Closed
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	3.4 Penetrations		3.4, Part A - Roof Penetrations, Install insulation continuously through roof penetrations	Conformance	4/15/2021 7:47:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	2.3 Sheet Metal Materials		2.3 Sheet metal duct materials follow the requirements in this specification.	Conformance	4/15/2021 7:47:24 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	4/26/2021 10:34:37 AM - 06:00	3.1 Duct Installation		3.1 Duct Installation, Part A - Ducts are in accordance with the following specification. Reference plan sheets CAM-100 & CAM -101 for related routing.	Conformance	4/15/2021 7:47:24 AM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.1 General		The following color identification is as follows. 480V Brown (Phase A), Orange (Phase B), Yellow (Phase C), Green (Phase D). The ground was present. A white (neutral) was not visible. Please reference pictures from MCC and Jet Fan. Reference the attached photos.	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.2 Installation		Part N Circuit Identification - A label was provided at each termination point at the Jet Fan and MCC (Plastic, pre-printed sleeve wi	Conformance	4/2/2021 1:19:28 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.2 Requirements		Part #1-#4 under the following spec section were followed for the LCC Cabinets (Lighting Control Cabinets). Reference the attached pictures.	Conformance	2/8/2021 2:04:51 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		2.3 Tunnel Lighting Control Components		Part 3 LCC, section B - A touch screen is provided in the following Lighting Control Cabinets. Additional audits will be conducted on the LCCs to ensure proper connections and functionality in accordance with the spec.	Conformance	2/8/2021 2:04:51 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting	Electrical	2/8/2021 2:30:06 PM -07:00	3.4 Installation of Control System		Part 1 - All components are in accordance with manufacturers supplied cut sheets 10451, 10460 & 10461. Reference Aconex Submittal #C70-SECO-SYC-SHD-000012. (SECO Cover Systems - Tunnel Lighting Control R4)	Conformance	2/8/2021 2:10:06 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting	Electrical	2/8/2021 2:30:06 PM -07:00	3.4 Installation of Control System		Part 2 - The equipment was installed in accordance with the plans and RFC 495. Final height and angle of the photometer will be verified at a later date.	Conformance	2/8/2021 2:10:06 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Installation Sequence Phase 2		Erection sequence followed the safety critical plan.	Conformance	4/27/2021 8:38:32 AM -06:00	C		Closed
Central 70	C 0704-241	Girders	Structures		Equipment for Girder Erection		Equipment was per safety critical plan.	Conformance	4/27/2021 8:38:32 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		Before the start of each wall construction, the Contractor shall provide a block-placing plan and shall supply daily placement logs to the Engineer weekly and at the completion of the wall.		Shop drawings with a block placing plan and placement logs were supplied prior to construction.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Block Walls	Walls		If the excavation for the placement of the leveling pad exposes an unsatisfactory bearing material, the Engineer may require removal and replacement of that material.		All unsatisfactory material was removed and replaced.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		The reinforced structure backfill zone and the retained structure backfill zone portion immediately behind the wall as defined on the plans shall be Structure Backfill (Class 1).		Retained backfill portion was Class 1 in areas per plan.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		Only power operated roller or plate compaction equipment weighing less than 1,000 pounds is allowed within 3 feet of the front face of the wall.		Small walk behind compaction equipment was used as necessary.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		For walls that support a roadway, the wall layout line at the leveling pad shall be set back and pre-measured with appropriate batter (5 to 8 percent) from the top of the blocks according to the offset with respect to the centerline of the road.		Appropriate batter was kept in wall.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in the horizontal and vertical directions.		Wall surface was checked with a straightedge.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		Unless otherwise noted, all blocks shall be dry-stacked and placed with each block spanning the joint in the row below (running bond).		All blocks were dry-stacked and placed with a running bond.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Block Walls	Walls		The top of blocks shall be tested with a 3 foot or longer straight edge bubble level. All high points identified by the straight edge shall be ground flat.		Top of block were tested with a 4 foot level.	Conformance	5/11/2021 11:38:23 AM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		This work consists of the construction of slope and ditch paving in accordance with these specifications and in conformity with the lines and grades shown on the plans or established		Install was per plans.	Conformance	5/3/2021 2:44:45 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		507.02 Concrete Slope and Ditch Paving. Concrete shall conform to the requirements of Section 601. Concrete shall be Macro Fiber-Reinforced Class B Concrete.		Concrete was approved mix and was acceptable prior to placement.	Conformance	5/3/2021 2:44:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Slope Paving	Roadway		Paving thickness shall be as specified on the plans.		Install was per plans.	Conformance	5/3/2021 2:44:45 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		In ditch construction, the excavated areas adjacent to the paving which are not occupied by the paving shall be refilled to the level of original ground with acceptable material and thoroughly tamped.		Compaction efforts were acceptable.	Conformance	5/3/2021 2:44:45 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Excavation for toe or cut-off walls shall be made to the neat lines of the wall.		Toe was placed within neat lines.	Conformance	5/3/2021 2:44:45 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The travelling roadway has been protected by temporary barrier	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The section of the viaduct that I observed being demolished has no permanent structures to protect.	Conformance	6/14/2021 9:27:36 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Structures have been adequately protected	Conformance	6/15/2021 7:41:43 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Structures were adequately protected.	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The permanent structures have been adequately protected	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Clayton Bridge was adequately protected.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The permanent structure (UPRR bridge) was adequately protected with the methods approved by Union Pacific railroad.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Permanent structures were protected from debris	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The permanent Structures were adequately protected.	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The utilities have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		The utilities were adequately protected although a fiber split duct was grazed when a single girder rolled over and folded.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The vertical barrier has been installed in accordance with the demolition plan as discussed and shown in section 3.		Vertical barrier in place	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The vertical barrier has been installed in accordance with the demolition plan as discussed and shown in section 3.		Vertical barrier was installed correctly	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		Temporary barrier rail was placed at the toe of slopes	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		Barrier was placing in the lowered section to protect the lowered section from rolling debris.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		The temporary barrier had been installed at the toe of slopes	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		The temporary barrier rail was present at the bottom of slopes	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		Temporary barrier rails were placed at the toe of slopes	Conformance	6/15/2021 7:41:43 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		The temporary barrier rail were placed at the toe of the slope due to proximity to eastbound I-70.	Conformance	6/14/2021 9:27:36 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		Temporary barrier rails and fence panels have been placed at the toe of the slope	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Dust control was managed by the direct wetting method.		Dust Control was managed by the direct wetting method	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust was controlled by direct wetting	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust Control was managed by direct wetting	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust control was managed by water trucks	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust control was managed by the direct wetting method	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust was controlled by direct wetting method	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust control was managed by the direct wetting method	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control was managed by the direct wetting method.		Dust has been controlled throughout the demo.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		The proper dust control measure were implemented throughout the work. Please reference the attached photos.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control was in place during the entirety of the demo operation	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control measures were in place during the entirety of the operation	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control measures were in place during the entirety of the demolition operation	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Water trucks were in place during demolition.	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control measures were in place during the entirety of the demolition operation	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust Control measures were in place during the entirety of the operation	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust Control Measures were in place during the entirety of the observation	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within project limits	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within project limits	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within project limits	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		I observed the contractor using and adjusting water as necessary to limit dust from exiting the project limits.	Conformance	6/14/2021 9:27:36 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within project limits where possible	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within construction limits	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust exiting the site was limited as best as possible	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust control measures were adequate	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Conformance	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust control measures were adequate to limit dust exiting the project limits during the substructure removal.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		Excess water was collecting in the lowered section. The water is being caught in a Cover section inlet which discharges to the FFFS wet well.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		Ponding water was not present	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		No ponding water was observed	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		The contractor used snow machines to mist and water trucks with hoses for spot dust control. I saw no water ponding.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		No ponding water was observed	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		I did not observe the contractor using excessive water that would cause ponding.	Conformance	6/14/2021 9:27:36 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		No ponding water was observed	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition took place during allowable hours	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition took place during the allowable hours.	Conformance	6/14/2021 9:27:36 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition occurred within allowable hours	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition took place during the specified allowable hours.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Demolition operations took place during allowable hours	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition took place during allowable hours	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Demolition activities took place during allowable hours	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		The following times have been followed.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Demolition took place during allowable hours	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Demolition	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Demolition was reported to take place during allowable working hours	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The appropriate detours were in place for the demolition activities and remained in place for the entirety of the operation.		Appropriate detours were in place	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The appropriate detours were in place for the demolition activities and remained in place for the entirety of the operation.		The detours are in place throughout the work.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The appropriate detours were in place for the demolition activities and remained in place for the entirety of the operation.		Appropriate detours were in place for the duration of demolition activities	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The appropriate detours were in place for the demolition activities and remained in place for the entirety of the operation.		Appropriate detours were in place for the entirety of the operation	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		The demolition of pier cap post tensioning was followed as outlined in the table within section 9	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		Pier cap post tensioning was followed as outlined within section 9	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		Adequate protection was utilized for PT removal.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		Pier cap post tensioning demolition was followed as outlined in the table within section 9	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan EOR maintained a full time presence to perform daily inspections and assist field operations as necessary.		The demolition plan EOR maintained a full time presence	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan EOR maintained a full time presence to perform daily inspections and assist field operations as necessary.		EOR was present and performed daily inspections	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Daily checklists have been filled out to document each day's work and to ensure the remaining structure is stable at the end of each shift.		Daily Checklists have been filled out.	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Daily checklists have been filled out to document each day's work and to ensure the remaining structure is stable at the end of each shift.		Daily checklists have been filled out to document each days work.	Conformance	6/24/2021 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Daily checklists have been filled out to document each day's work and to ensure the remaining structure is stable at the end of each shift.		Daily checklists have been filled out to document each days work	Conformance	6/29/2021 1:32:13 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Daily checklists have been filled out to document each day's work and to ensure the remaining structure is stable at the end of each shift.		Daily checklists have been filled out	Conformance	7/23/2021 3:04:29 PM -06:00	C		Closed
Central 70	C 0704-241	Structure Demolition	Removal		Daily checklists have been filled out to document each day's work and to ensure the remaining structure is stable at the end of each shift.		Daily Checklists have been filled out	Conformance	8/3/2021 3:53:43 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition sequence was followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum.		The demolition sequence was followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum.	Conformance	9/15/2021 4:13:03 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition sequence was followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum.		Demo sequence was followed in accordance with the plan.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition sequence was followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum.		Demolition sequence for piers 32-37 was followed in accordance with Central 70 – Viaduct Demo (CIP) – R0 memorandum.	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition sequence was followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum.		Demolition sequences followed in accordance with R0 Memorandum	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition constraints were followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum. Any deviations were at the direction of the Demolition EOR.		Demolition constraints were followed	Conformance	6/15/2021 7:41:44 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition constraints were followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum. Any deviations were at the direction of the Demolition EOR.		Demolition constraints for piers 32-37 was followed in accordance with Central 70 – Viaduct Demo (CIP) – R0 memorandum.	Conformance	6/11/2021 12:33:17 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition constraints were followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum. Any deviations were at the direction of the Demolition EOR.		The demo was completed in accordance with the memo.	Conformance	6/14/2021 9:27:02 AM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Demolition constraints were followed in accordance with the Central 70 – Viaduct Demo (CIP) – R0 memorandum. Any deviations were at the direction of the Demolition EOR.		Demolition constraints were followed.	Conformance	6/21/2021 4:24:31 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.1 Materials		Reinforcing steel was grade 60 in accordance with the plans.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 Erection Installation Application		All reinforcing steel was in accordance with the following specification.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Field Quality Control		The reinforcing steel was free of coatings and debris that would reduce the bond.	Conformance	7/23/2021 1:00:51 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		1.6 Submittals		Contractor submitted components for approval.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.8 Delivery, Storage, and Handling		Materials appeared to be stored per specifications.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.3 EPDM Membrane Materials		Adhesive was supplied by manufacture.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.3 EPDM Membrane Materials		Membrane fasteners were supplied by manufacture.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.3 EPDM Membrane Materials		Flashing membrane appeared acceptable.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.4 Vapor Retarder Materials		Material appeared to meet specifications.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.5 Roof Protection Boards		Material appeared to meet specifications.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.6 Accessory Materials		Material installation appeared to meet specifications.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 General		Installation appeared to meet requirements listed in section 3.1 General.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 General		Roof surface was clean prior to install as per section 3.1 F.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 General		Work was performed by competent people as per section 3.1 D.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Examination		Roof appeared to be sufficiently rigid as per section 3.2 A.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		3.3 Preparation		Preparation of roof appeared to meet requirements of section 3.3 A-D.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.4 Vapor Retarder		Vapor retarder install appeared to meet requirements listed is 3.4 A and B.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.5 Insulation and Cover Board Installation		Install appeared to meet requirements.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.7 Flashing and Accessories Installation		Flashing installed appeared acceptable.	Conformance	10/6/2021 10:20:46 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		a. Developer shall establish Quality Hold Points (QHPs) at stages of the construction progress to ensure Work is performed in accordance with Developer's Quality Management Plan and within the terms and conditions of the Project Agreement.		IQC was observed doing the Pre-pour Checklist and on site for concrete.	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	7/30/2022 4:25:25 AM - 06:00	a. Developer shall establish Quality Hold Points (QHPs) at stages of the construction progress to ensure Work is performed in accordance with Developer's Quality Management Plan and within the terms and conditions of the Project Agreement.		It appears from communication with Chee (IQC) that IQC did not inspect Landtech as they were installing Irrigation at Swansea thereby missing Hold points in the IQC Checklist namely Inspection at Backfill.	In ENCR 1611	8/15/2022 5:01:12 PM -06:00	NC-2	Expedited NCR 1611 was written	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		a. IQC shall be solely responsible for verifying and documenting whether Work has been completed for the QHP		IQC (Suzanne) was observed checking formwork and steel reinforcement.	Conformance	8/31/2022 5:40:47 PM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/16/2022 3:25:32 PM - 06:00	Lane Closure Report (*CO-011)		Right shoulder closure for Jorgenson was not listed on LCR for 3/15.	Tracking in NCR	4/11/2022 3:50:53 PM -06:00	NC-2	ENCR - 1515	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Finishes	Roadway	9/1/2021 4:59:29 PM - 06:00	AASHTO Guide for Development of New Bicycle Facilities		The completed Quebec sidewalk to Sand Creek Trail connection should adhere to AASHTO Guidelines for Bicycle and Trail Design and Construction per Schedule 10A. A segment of the trail connection was finished with a 3:1 side slope extending only 6 to 7 feet before it drops off vertically into a 4 to 4.5 foot deep washout. AASHTO Guidelines say a 5' wide trail shoulder should be provided when side slopes of 3:1 or greater are used when a drop of 6' or more or hazard within 10' of the edge of trail exists. Otherwise a safety railing should be provided. The constructed side slope measures approximately 3:1 for roughly 6.5' at the worst condition. See attachments.	ENCR 1421	10/1/2021 1:15:28 PM -06:00	NC-2	ENCR 1421 was written to address this issue	Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signals Poles and Wire	Electrical		CCD Traffic Signal and Sign & Markings Standards		Mast arm was installed within conformance to CCD and Plan Sheet SGNL - 17 1. Mast ARM was installed according to STD DWG NO 16.1.1 & STD DWG NO 16.1.10 2. Signal was mounted according to STD DWG NO 16.1.4 3. Street Name Sign was installed according to STD DWG NO 16.2.13	Conformance	2/9/2022 2:28:31 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signals Poles and Wire	Electrical		CCD Traffic Signal and Sign & Markings Standards		Signal Pole, Mast Arm, Signals and Signs were installed within conformance to CCD and Plan Sheet SGNL - 17 and SNG - 017 1. Signal Pole, Mast arm, wires and accessories was installed according to STD DWG NO 16.1.1 2. All mounting was installed according to STD DWG NO 16.1.4 3. Signal Pole, Mast Arm and Luminaire was installed according to STD DWG NO 16.1.10 4. Luminaire was installed according to STD DWG NO 16.1.12 5. Street name sign was installed according to Updated CCD SPEC STD DWG NO 16.2.11 and Plan Sheet SNG - 017, Submittal was noted at accepted in Aconex	Conformance	2/11/2022 10:15:11 AM -07:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		A. Plan and profile with all Utilities shown and labeled with appropriate Utility ID number. All clearances between Storm Drains or Cross Drains and Utilities shall be clearly labeled;		Plan and profile sheet with all known utilities was provided.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		B. Jack and boring pit locations;		Jack and bore pit locations were provided. Jacking pit shoring was redesigned to fit TBM, however this change was not reflected in Aconex Submittal.	Reference C70-KIE-RRD-PRC-000007. Captured in redesign	2/7/2022 4:06:46 PM -07:00	Audit Comment	The Submittal has since been updated to reflect the shoring re-design - Barratta	Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		C. Excavation Material Management Plan;		Material management plan was provided.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		E. Dewatering Plan; and		Dewatering plan provided.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		11.2.4. Local Agency signing, pavement markings, and signals on Local Agency Roadways shall comply with the Local Agency standards.		Light Foundation had a diameter of 24 inches and length of 7 LF. Foundation was observed to be level.	Conformance	3/23/2022 8:31:23 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		11.2.4. Local Agency signing, pavement markings, and signals on Local Agency Roadways shall comply with the Local Agency standards.		Bottom of drilled hole was filled with pea gravel. Hole was backfilled and tamped.	Conformance	3/23/2022 8:31:23 AM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		11.2.4. Local Agency signing, pavement markings, and signals on Local Agency Roadways shall comply with the Local Agency standards.		Drilled hole had required pea gravel at the bottom. Foundation was observed to be plum and level.	Conformance	3/23/2022 1:20:12 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): ix. Columbine Street and 46th Avenue (North and South of I-70);		Signal Mast Arm is located at Columbine and 46th South (NE)	Conformance	4/11/2022 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): ix. Columbine Street and 46th Avenue (North and South of I-70);		Traffic Signal Pole mast arm is located on the NW corner of Columbine and 46th South.	Conformance	4/11/2022 3:40:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): x. Clayton Street and 46th Avenue (North and South of I-70);		Traffic Signal is Located at the SW corner of Clayton and 46th South.	Conformance	4/13/2022 9:35:18 AM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): x. Clayton Street and 46th Avenue (North and South of I-70);		Traffic Signal is Located at the NE corner of Clayton and 46th South.	Conformance	4/13/2022 9:36:09 AM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): x. Clayton Street and 46th Avenue (North and South of I-70);		Signal Location is at the NW Corner of Clayton and 46th South on the Cover Top.	Conformance	4/11/2022 3:41:42 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): xi. Fillmore Street and 46th Avenue (North and South of I-70);		See Plan Sheet SGNL-17 and SNG-017 and Pictures	Conformance	2/11/2022 10:15:11 AM -07:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		e. Identified locations of traffic signalization (not all inclusive): xi. Fillmore Street and 46th Avenue (North and South of I-70);		See Pictures and Plan Sheet SGNL - 17 and SNG - 017	Conformance	2/9/2022 2:28:31 PM -07:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		Mast arm was installed according to CCD Standards (Length, Signs, Cap, Level, Signal and Height)	Conformance	4/11/2022 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		Traffic Signal Appears to be built to CCD Standards.	Conformance	7/11/2022 12:34:37 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		All work observed conformed to CCD Standards (Length, Cap, Signal Head, Signs, Level, Bolts and Washers)	Conformance	4/11/2022 3:41:42 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		All work observed (Signs, Mast Arm Length, Signals, Light, Bolts and Washers, Height, Bolt for Slip Joint on Mast Arm) was conforming to CCD Standards	Conformance	4/13/2022 9:36:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		All work observed (Signs, Mast Arm Length, Signals, Light, Bolts and Washers, Height) was conforming to CCD Standards	Conformance	4/13/2022 9:35:18 AM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		be designed and constructed to Local Agency standards		Signal Pole mast arm meets CCD Standards (Bolts & Washers, Level, Correct length, Signal & Cap)	Conformance	4/11/2022 3:40:49 PM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		be designed and constructed to Local Agency standards		Signal Foundation Appears to be meeting CCD Standard Std Dwg 16.1.8	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		e. Permanent lighting shall be designed and constructed to be consistent with current CDOT M-Standard Plans, Xcel Energy lighting standards (unless modifications or waivers to the Xcel Energy lighting standards are otherwise approved by Xcel Energy), DPS lighting standards, and CCD lighting standards, as applicable;		Foundation Base was placed in conformance to Xcel ELECTRIC DISTRIBUTION DESIGN AND CONSTRUCTION STANDARDS	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		e. Permanent lighting shall be designed and constructed to be consistent with current CDOT M-Standard Plans, Xcel Energy lighting standards (unless modifications or waivers to the Xcel Energy lighting standards are otherwise approved by Xcel Energy), DPS lighting standards, and CCD lighting standards, as applicable;		Foundation Base was placed in conformance to Xcel Electric Distribution Design and Construction Standards	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		a. The Developer shall use lighting equipment for all permanent installations as specified in the CDOT Standard Specifications, or as specified or otherwise approved by Xcel Energy, DPS, or CCD, as applicable;		Light base was not installed with Structural Grout per CCD DS-04. Light Base Cover does not fit over base when installed with Structural Grout. Instead Light pole was set directly on Concrete foundation.	Field Resolved	4/27/2022 11:47:10 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		a. The Developer shall use lighting equipment for all permanent installations as specified in the CDOT Standard Specifications, or as specified or otherwise approved by Xcel Energy, DPS, or CCD, as applicable;		Wire was installed per CCD Standards. DS-04	Conformance	4/27/2022 11:47:10 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		a. The Developer shall use lighting equipment for all permanent installations as specified in the CDOT Standard Specifications, or as specified or otherwise approved by Xcel Energy, DPS, or CCD, as applicable;		Light Foundation was in Conformance with CCD Standards DS-04.	Conformance	4/27/2022 11:44:25 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		a. The Developer shall use lighting equipment for all permanent installations as specified in the CDOT Standard Specifications, or as specified or otherwise approved by Xcel Energy, DPS, or CCD, as applicable;		It was observed that Surgeon had placed 4 2ft diameter Precast bases approx. 4ft high for P1A-DG Light poles. The pre cast bases correlates with CCD Std. Dwg. No Ds-10 as called out in Plan Sheet CLD-001	Conformance	8/31/2022 2:20:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	BMPs	Environmental		Complete site assessment shall be performed as part of comprehensive inspection and maintenance procedures, to assess the adequacy of BMPs at the site and the necessity of changes to those BMPs to ensure continued effective performance. Where site assessment results in the determination that new or replacement BMPs are necessary, the BMPs shall be installed to ensure continuous effectiveness. When identified, BMPs shall be maintained, added, modified or replaced as soon as possible, immediately in most cases.		After project-wide assessment of access points, a notification email of questionable areas of tracking control were sent to Kiewit Environmental. Crews immediately worked to bring all areas into conformance, and identify additional areas of concern, and committed to continued monitoring of these areas.	Field Resolved	2/24/2022 7:43:42 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	BMPs	Environmental		The Contractor shall maintain each vehicle tracking pad during the entire time that it is in use for the project. The vehicle tracking pad shall be removed at the completion of the project unless otherwise directed by the Department. Additional aggregate may be required for maintenance and will be paid for by the Contractor.		Vehicle tracking pads were maintained.	Conformance	2/24/2022 7:43:42 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		iv. The Developer shall install conduit plugs in all open conduit ends immediately following conduit installation.		CDOT assessment team was on site to verify 1411 information for acceptance and came across a mouse nest and droppings in the 332D cabinet and noticed the issue could have been prevented by plugging the conduit. This has been an issue that has been discussed in the past and now we have moved to a field Resolution status before submitting an NCR2 status on these and any future cabinets. The other two cabinets on site (332D, 332 and Type M-Stretch) all have similar issues where conduit that are not being used currently as well as conduit with cabling installed are not correctly plugged. Any rodent infestation issues can be prevented and at the very least minimized by making an effort to correctly plug the conduit.	Field Resolved	6/24/2022 2:02:37 PM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	iv. The conduit shall not be considered complete until the conduit plugs, pull tape, tracer wire have been installed, and all requirements in Appendix A to this Section 3, Revision of Section 613 – CDOT Electrical Conduit have been met;		<p>Field walk to conduct pre-closeout of pullboxes and manholes in area of EBI70/270 to EBI70/Central Park on ramp. During walk it was determined, at a later date, the existing fiber network will be removed and at that time the trace wire will be pulled in.</p> <p>PLEASE NOTE: DUE TO DEVELOPER RETURNING FOR FUTURE WORK THESE PULLBOXES AND MANHOLES ARE NOT TO BE CONSIDERED "FINAL AND ACCEPTED".</p> <p>Once developer has removed existing fiber network and pulled in trace wire a walk can be conducted for final acceptance.</p>	Field walk will be conducted for final acceptance at a later date.	1/25/2022 2:41:06 PM -07:00	Audit Comment		Closed
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	utilize fiberglass reinforced, polymer concrete pull boxes and pre-cast concrete manholes with the interior dimensions of 4 feet (width) by 4 feet (length) by 4 feet (depth), with a cast iron frame ring and cover		<p>Manholes installed as required. Manholes have inner dimensions of 4'x4'x4' and have a cast iron ring and skid resistant cover/lid.</p>	Conformance	1/3/2022 8:52:52 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A. The manholes and pull boxes shall be clustered in a group wherever possible;		<p>Wherever necessary, all pullboxes and manholes installed in clusters.</p>	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	A. The manholes and pull boxes shall be clustered in a group wherever possible;		All Manholes and pullboxes near each other are installed per plan and in clusters.	Conformance	1/3/2022 8:52:52 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	C. Manholes are not allowed in paved shoulders or paved roadways, unless specifically Approved by the Department;		Manholes installed in accordance with all CDOT standards and specifications.	Conformance	1/3/2022 8:52:52 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		Spacing of CDOT manholes does not exceed 1200' between each point.	Conformance	1/3/2022 8:52:52 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		D. The CDOT and Zayo manholes shall be spaced no greater than 1,200 feet apart and CCD pull boxes shall be spaced no greater than 500 feet apart, unless otherwise Approved *CO-011 by the Department;		All Pullboxes installed per plan and do not exceed allowable limits in project specifications.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		E. Pull boxes for ITS and ETC power shall be spaced no greater than 300 feet apart as Accepted by the Department;		All electrical pullboxes installed per plan and in accordance with all CDOT standards and specifications.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		F. Pull boxes or manholes shall be placed within 20 feet of the ITS and ETC equipment as Accepted by the Department, in safe, easy to access locations; and		Pullboxes that directly feed any ITS devices are within 20 feet of device/cabinet.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		G. Refer to the communications system requirements in this Section 3 for fiber coiling and splicing requirements in pull boxes and manholes.		All fiber coils writhing pullboxes meet all CDOT standards and specifications.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		be constructed of fiberglass reinforced, polymer concrete and have a detachable cover with a skid-resistant surface and have the label of the owner cast into the surface		All pullboxes installed are manufactured fiberglass reinforced, polymer concrete and have skid resistant detachable lid.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All pull boxes shall be verified by a third-party nationally recognized Independent Testing Laboratory as meeting all test provisions of ANSI/SCTE 77 2007 Specification for Underground Enclosure Integrity, Tier 22 rating		All detachable pullbox lids are Tier 22 rated.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Each location shall be easily accessible for maintenance purposes		All Locations verified for easy and safe access	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical	1/5/2022 1:02:56 PM - 07:00	Each location shall be easily accessible for maintenance purposes		All locations on walk are easily accessible and will not present a challenge for future access.	Conformance	1/3/2022 8:52:52 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes shall not be placed in a known flood-prone area or drainage ditch		All pullboxes verified to not be in a flood-prone area or drainage ditch.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		A fiber optic cable label shall be attached to each fiber optic cable located within a pull box or manhole		All fiber optic cables labeled with correct label with correct information per location.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All cables shall be installed per the manufacturer requirements for each device or the requirements found in the Project Special Provisions, Appendix A to this Section 3. The maximum conduit fill ratio for both new and existing conduits shall be in accordance with the NEC.		All cables installed as required by design and in the plan sheets.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The maximum conduit fill ratio for both new and existing conduits shall be in accordance with the NEC		Conduit fill ratio requirements met for all new pullboxes during walk.	Conformance	1/3/2022 10:27:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Microwave Vehicle Radar Detector (Non 334)		MVRD cable was not installed within the Liquid tight conduit and run inside the OHSS. Foreman was informed that installation was not complete and a crew was sent out to install the cable correctly. Cable was fixed and installed inside the structure using a ladder behind barrier.	Field Resolved	1/26/2022 11:01:01 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Fiber Optic Cable (Single Mode)		All fiber optic cables shall include identification labels attached to the cable in each pull box, manhole or communications cabinet. The information to be included on the label shall be Approved by the Engineer. The Contractor shall coil 50 feet of each fiber cable in pull boxes and 100 feet in manholes. Three pull boxes at Ramp Meter locations were checked for the correct amount of 50' of fiber optic slack coil. Slack coils totaled 66', 50' and 56'. Coils were checked on Plansheets ITS-023, ITS-026 and ITS-031.	Conformance	8/26/2021 3:28:51 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Fiber Optic Cable (Single Mode)		<p>The Contractor shall coil 50 feet of each fiber cable in pull boxes and 100 feet in manholes.</p> <p>- A minimum of 50ft of fiber optic cable has been coiled in the ITS pull box on plan sheet ITS-029. The Contractor has coiled an 86ft lateral fiber cable in pull box per the cable tags and fiber cable footages. Installed in accordance with all CDOT standards and specifications.</p> <p>- 72020ft - 72106ft</p>	Conformance	2/16/2022 1:48:09 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Revision of Section 614 – Traffic Management System Building (*CO-034. *CO-101)		<p>In regards to:</p> <p>Revision of Section 614.4 which states Foundation drawings and generator slab drawings and calculations provided shall be stamped by a Colorado Professional Engineer.</p> <p>A meeting was held to discuss the inclusion of RMG who is required to sign off on approved materials as stated in a Soils investigation report for the Airport Node Building. The conclusion of the meeting was that Kiewit would include RMG as well as notify CDOT representation of when work would be scheduled so the proper steps can be verified. The CDOT team is satisfied with the direction moving forward. Since the meeting Kiewit has scheduled the work to take place on Monday November 22, 2021 and CDOT representation will be present.</p>	Field Resolved	11/23/2021 9:14:28 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway	3/23/2022 2:20:33 PM - 06:00	5.3.9 Establish and Document Quality Hold Points		No hold point was established to approved grading prior to pour. No IQC grade inspection was performed before concrete was released from batch plant.	See ENCR 1520	4/18/2022 3:16:11 PM -06:00	NC-2	This issue to be resolved via E-NCR 1520.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	4/8/2022 3:24:07 PM - 06:00	IQCP-07 Material Receiving		The material receiving report (see attached) for MM6125 does not meet the PA requirements in Table 519-01. KMP has not obtained documentation to verify compliance with the contract. As noted in PA_Construction Quality_Cover Top_SSchmidt_3 approved on 1/21/22 the following contractual documentation is not included for the water proofing membrane: 519.04 (a), (b), (c), (f), (h), (i), (j), and (l). KMP has not responded to the Department comments in a timely matter per Schedule 8, Section 6.6.1.d and the Department is escalating this to an NCN.	NCR 2861	9/6/2022 9:03:58 AM -06:00	NC-2	As discussed in recent Cover Top Coordination meetings, responses were provided to SSchmidt_3 previously; however, they never made it to CDOT due to being assigned to unavailable Responders. Responses to SSchmidt_3 are now in CDOT review. In the future, IQC Manager and Cover Top Manager will ensure timely response to CDOT audits.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	IQCP-07 Material Receiving		I was inspecting P-IN-70E3030a and since Kiewit is going virtual with tickets, I asked the flash fill truck driver Nathan for the material ticket and he emailed it to me. See attached for the mix design I received. The flash fill that was received did not meet the requirements on sheet DRDT-016D. The flash fill used does not meet the minimum density required of 55 pcf. This mix design is not in Aconex and was not submitted as PCP-06.	NCR 2831 was issued for this NC	4/13/2022 4:13:30 PM -06:00	NC-2		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All material or debris has been disposed of at an approved location.		Material is being taken offsite to an approved location	Conformance	9/3/2021 11:56:06 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		The removal of the existing bridge is being performed in a safe manner.		Removal of rowdy chunks is being performed in a safe manner	Conformance	9/3/2021 11:56:06 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Saw cutting has been performed where required with a vertical face unless otherwise specified to the minimum depth of 2" or the depth of reinforcing steel.		Concrete was sawcut full depth on full panel replacement	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Existing concrete is being removed according to the following: -as shown on the plans -as directed by the Engineer -in the event additional removal of unsound concrete is required it has been included in the work		Existing concrete was removed according to the following: as shown on plans, as directed by the Engineer, and in the event of unsound concrete was required and it has been included in the work.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Removal of the substructure has been taken down to at least 1ft below the natural existing or future ground which ever is lower unless otherwise approved by the Engineer.		Areas of full depth panel replacement were excavated at least 1' below existing bottom of existing, base course was placed/ compacted prior to concrete.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Shaft was drilled according to the Approved Drilled Shaft Plan, Plans and Specifications	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The equipment, process, and details in the Approved Drilled Shaft Plan is being followed by the drilled shaft crew and if modifications are being implemented they have also been submitted and approved.		Shaft was drilled according to the Approved Drilled Shaft Plan	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		The Contractor controlled operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Selected construction methods and procedures were used that prevented excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the drilling of the shaft.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signal Foundations	Electrical		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		Shaft was drilled within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The Contractor shall control operations to prevent damage to existing structures and recently drilled holes, utilities, roadways and other facilities. Not limited to, selecting construction methods and procedures that will prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the driving of casing or sheeting, drilling of the shaft, or from blasting, if permitted.		The Contractor controlled operations to prevent damage to existing structures and recently drilled hole, utilities, roadways and other facilities. Construction methods and procedures were selected that prevent excessive caving of the drilled shaft excavation and monitoring and controlling the vibrations from the drilling of the shaft.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		The location of the drilled shaft was adequately staked with the correct information.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		The location for the drilled shafts were adequately staked with the correct information.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The location for the drilled shaft have been adequately staked with the correct information.		Location is off by approx 1ft from the surveyed mark due to pull box location.	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The location for the drilled shaft have been adequately staked with the correct information.		The locations for the drilled shafts were adequately staked with correct information and templates placed on the ground.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		Survey stakes were placed prior to excavation.	Conformance	9/1/2021 10:23:47 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The location for the drilled shaft have been adequately staked with the correct information.		The location for the drilled shaft(s) were adequately staked with the correct information.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The location for the drilled shaft have been adequately staked with the correct information.		The locations for the drilled shafts were adequately staked with the correct information and templates were installed.	Conformance	12/14/2021 1:29:41 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The location for the drilled shaft have been adequately staked with the correct information.		Drilled shaft was observed to be staked.	Conformance	4/27/2022 11:44:25 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		The shaft location was checked for potential underground utility conflicts.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Contractor has update underground utilities locations.	Conformance	9/1/2021 10:23:47 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The shaft location has been check for potential underground utility conflicts.		The shaft locations were checked for potential underground utility conflicts.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The shaft location has been check for potential underground utility conflicts.		No Potential Underground Utility Conflicts were found prior to Foundation Placement	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The shaft location has been check for potential underground utility conflicts.		The shaft locations were checked for potential underground utility conflicts.	Conformance	12/14/2021 1:29:41 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		The shaft location was checked for potential underground utility conflicts.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The shaft location has been check for potential underground utility conflicts.		Shaft locations was checked for potential underground utility conflicts.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The shaft location has been check for potential underground utility conflicts.		No Potential Underground Utility Conflicts were found prior to Foundation Placement	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Embankment to the foundation cap elevation was completed before drilled shaft construction began.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation and/or embankment to the foundation cap elevation was completed before drilled shaft construction begins.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Shaft was drilled within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation and/or embankment to the foundation cap elevation was completed before drilled shaft construction begins.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the foundation cap elevation was completed before the drill shaft construction began.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the foundation cap elevation was completed prior to drilled shaft construction.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation and/or embankment to the foundation cap elevation shall be completed before drilled shaft construction begins.		Excavation to the foundation cap elevation was completed before drill shaft construction began.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted in a continuous operation until completed.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted as a continuous operation, no pauses or interruptions.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation for all four shafts was conducted in a continuous operation until the excavation was completed.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was a continuous operation.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted in a continuous operation until completed, excluding casing installation.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Excavation was conducted in a continuous operation until excavation is completed.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Shaft was drilled within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Once excavation started it was conducted in a continuous operation until excavation was completed.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		No pauses or interruptions were observed.	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signal Foundations	Electrical		Once excavation has started it shall be conducted in a continuous operation until excavation is completed. Pauses or interruptions of the operation only occur for the following reasons casing installation, casing splicing and removal of materials or obstructions.		Shaft was created using a vac truck	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Shaft was drilled within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the drilled shaft excavation is not complete at the end of the shift or series of continuous shifts, the drilled shaft excavation operation may be stopped provided the Contractor protects the shaft as indicated in subsection 503.13.(b) of the Specification before the end of the work day.		Excavation was completed and concrete placed prior to shift ending.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Water slurry was used per applicable specifications.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If mineral (Std. Spec. Prov. Sec. 503.08), polymer (Std. Spec. Prov. Sec. 503.09), or water (Std. Spec. Prov. Sec. 503.11) slurry is used the applicable specifications are being followed.		Water polymer slurry was used per Std. Spec. Prov. Sec. 503.11, the applicable specifications were being followed.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All water and slurry displaced during final cleaning was collected, preventing it from entering travel lanes, railroad, waterways, and environmentally sensitive or restricted areas.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning was collected, preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was collected.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during concrete placement was collected.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced was collected by trailer mount vacuum with holding tank.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was collected.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		Slurry was collected.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All slurry and water displaced during final cleaning and concrete placement has been collected. Preventing it from entering travel lanes, railroad, water way, and environmentally sensitive or restricted area.		All slurry and water displaced during final cleaning and concrete placement was collected.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Foundations	Electrical		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		Shaft was drilled within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting Foundations	Electrical		The dry shaft construction method is being followed for shafts which meet the following conditions: less than 12 inches of water accumulates above the base of excavation over a period of one hour when no pumping is performed, the sides and bottom of the hole remain stable without detrimental caving, sloughing or swelling between the completion of excavation and concrete placement, all loose material and water can be satisfactorily removed prior to inspection and concrete placement (no more than 2 inches of water will be permitted in the bottom of the shaft excavation at the time of concrete placement), and the Engineer can visually inspect the sides and bottom of the shaft prior to placing the concrete.		Shaft meets the requirements for Dry Shaft Construction	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Shaft was drilled according to the Approved Drilled Shaft Plan, Plans and Specifications	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or persons from falling into the hole.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or persons from falling into hole.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Excavation has been protected to prevent material or persons from falling into the hole.		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or personnel from falling into hole.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or persons from falling into the hole.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Excavation has been protected to prevent material or persons from falling into the hole.		The excavations were covered with plates to prevent material or persons from falling into the hole.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or persons from falling into the hole.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation was protected to prevent material or persons from falling into the hole.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Excavation has been protected to prevent material or persons from falling into the hole.		Excavation/ shaft was protected to prevent material and persons from falling into hole.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, diameter was correct, excavated material was compared to ensure adequate bearing material was reached.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, diameter is correct, & the excavated material was compared with geological information to ensure that adequate bearing material has been reached.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, diameter was correct, & the excavated material was compared with geological information to ensure that adequate bearing material has been reached.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		The drilled shaft is plumb and the diameter is correct, and the excavated material was compared to the plan geological information to ensure that adequate bearing material has been reached (Shannon & Wilson).	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, diameter is correct, & the excavated material was compared with geological information to ensure that adequate bearing material has been reached.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, diameter was correct and excavated material was compared with geological information to insure adequate bearing was reached.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft is plumb, diameter is correct, & the excavated material was compared with geological information to ensure that adequate bearing material has been reached.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was plumb, correct diameter, and the excavated material was compared to the geological information to insure that bearing material was reached.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Shaft appeared plumb 36" in diameter and 13LF Deep	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Drilled shaft is plumb, diameter is correct, & the excavated material has been compared with geological information to ensure that adequate bearing material has been reached.		Drilled shaft was observed to be plumb.	Conformance	4/27/2022 11:44:25 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment obtained and documented.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled according to the Approved Drilled Shaft Plan, Plans and Specifications	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment obtained and documented by IQC.	Conformance	1/10/2022 8:22:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment into bearing material obtained and documented.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		I QC verified shaft elevation.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment into bedding material was obtained and documented by IQC.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation, and minimum embedment obtained and documented by IQC.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Shaft has been drilled to proper elevation, and minimum embedment obtained and documented. (Embedment into bearing material)		Shaft was drilled to proper elevation with minimum embedment obtained/ documented by IQC.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drilled shaft was not left open overnight, protected from sidewall instability.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The drilled shaft excavations were not left open overnight.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The drilled shaft excavations were not left open overnight	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The drilled shaft excavations were left overnight but were cased full depth and protected.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		Drill shaft excavation was not left open overnight.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft excavations shall not be left open overnight unless cased full depth or otherwise protected against sidewall instability.		The drilled shaft excavations was not left open overnight.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		All casings being used are watertight and clean.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All casing (including splices) shall be watertight and clean prior to placement in the excavation.		Casing was acceptable.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		Casing was acceptable.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		All temporary casing is smooth wall structural steel.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary casing is smooth wall structural steel unless otherwise is called out on the plans.		The temporary casing was smooth wall structural steel.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Temporary casing is capable of being installed and removed without deforming and causing damage to the completed shaft without disturbing the surrounding soil.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		All temporary casing being used is capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be capable of being installed and removed without deforming and causing damage to the completed shaft and without disturbing the surrounding soil.		Casing was removed without causing damage.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		All temporary casings are of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.	Conformance	12/14/2021 1:29:41 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		All temporary or permanent casing is of ample strength to resist damage and deformation from transportation and handling, installation and extraction stresses, and all pressures and forces acting on the casing.		The temporary casing was of ample strength to resist damage and deformation from transportation and handling, installation stresses, and all forces and pressures acting on the casing.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Temporary casing shall be completely removed, unless otherwise shown on the Plans or approved by the Engineer. As the temporary casing is withdrawn, sufficient head of fluid concrete must be maintained to ensure that water or slurry outside the temporary casing will not breach the column of freshly placed concrete. Casing extraction shall be at a slow, uniform rate with the pull in line with the shaft axis. Excessive rotation of the casing shall be avoided to limit deformation of the reinforcing steel cage.		Temporary casing was completely removed, and a sufficient head of fluid concrete was maintained to ensure that water outside the casing did not breach the column of freshly placed concrete. Casing extraction was maintained at a slow and uniform rate with the pull in line with the shaft axis. No rotation of the casing needed.	Conformance	1/28/2022 8:28:11 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Prior to concrete placement the CSL tubes have been filled with water and the watertight caps have been installed.		Prior to concrete placement, the CSL tubes were filled with water and watertight caps were installed.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		IQC verified and accepted.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to rebar and concrete placement the drilled shaft met the following criteria: For wet drilled shaft excavation in soils, the base of the excavation was covered with less than 3 inches of sediment or loose or disturbed material.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to rebar and concrete placement the drilled shaft met the following criteria: Wet drilled shaft excavation in soils, the base of the excavation was not covered with more than 3 inches of sediment or loose or disturbed material prior to placing concrete.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		The drilled shaft meets the following criteria: drilled shaft excavation was in soil, the base of the excavation was not covered with more than 3 inches of sediment or loose or disturbed material just prior to placing concrete.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Prior to rebar and concrete placement the drilled shaft meets the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation shall be covered with not more than 3 inches of sediment or loose or disturbed material just prior to placing concrete. II. For dry drilled shaft excavations in soils, the base of excavation shall be covered with not more than 1.5 inches sediment or loose or disturbed material just prior to placing concrete. III. For wet and dry drilled shaft excavations in rock, the base of the excavation shall be covered with not more than 0.5 inch for 50 percent of the base area of sediment or loose or disturbed material just prior to placing concrete.		Prior to rebar and concrete placement the drilled shaft met the following criteria: I. For wet drilled shaft excavation in soils, the base of the excavation was not covered with more than 3 inches of sediment or loose or disturbed material just prior to placing concrete.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, and was rigidly braced to retain its configuration during handling and construction, and was suspended off the bottom of the hole.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Rebar cage was 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, no loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Reinforcing cage was tied 100%.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		The reinforcing cages were tied 100% at all intersections and double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Tie placement was acceptable. All intersections were tied.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The reinforcing cage shall be 100% tied at all intersections, double tied at intersections for at least 4 vertical bars, free from loose bars, rigidly braced to retain its configuration during handling and construction, and suspended off the bottom of the hole.		Rebar ties were acceptable. Cage was tied 100%.	Conformance	10/27/2021 7:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Splices appeared acceptable and were made prior to placement.	Conformance	10/27/2021 7:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Splices were verified by IQC and were acceptable.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Splices appeared acceptable.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Steel reinforcing cage was spliced prior to placement into the shaft.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage was spliced prior to placement into the shaft.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cages were spliced prior to placement into the shaft.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage was spliced prior to placement into the shaft.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage was spliced prior to placement into the shaft as shown on the plans.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Reinforcing cage was spliced prior to placement into the shaft unless otherwise shown on the plans.		Reinforcing cage was spliced prior to placement into the shaft.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout the concrete placement operation & supported from the top.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout the concrete placement operation & supported from the top.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signal Foundations	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Shaft was drilled and concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was held securely in position throughout the concrete placement and supported from the top.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout the concrete placement operation & supported from the top.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		The steel reinforcing cage was securely held in position throughout the concrete placement operation & supported from the top.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was securely held in position throughout the concrete placement operation and supported from the top.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was securely held during concrete placement.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Reinforcing cage was securely held in position.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Rebar cage was securely held throughout concrete placement.	Conformance	10/27/2021 7:31:51 AM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		The steel reinforcing cage shall be securely held in position throughout the concrete placement operation & supported from the top.		Steel cage appeared tight nd securely held in position	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were installed and acceptable.	Conformance	10/27/2021 7:31:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers were placed per specifications.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacer wheels were installed using uniform spacing for the entire cage and did not exceed 10' intervals vertically and used 5 spacers for a 42" shaft.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Spaces and boot placement was acceptable.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Plastic concrete spacers were installed at uniform spacing for the entire length of the cage, did not exceed 10' intervals vertically and a minimum of 4 spacers horizontally	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers or other non corrosive spacing devices were installed to provide uniform spacing for the entire cage which did not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers or other non corrosive spacing devices was installed to provide uniform spacing for the entire cage and did not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete plastic spacers were installed to provide uniform spacing for the entire cage, did not exceed 10 ft. intervals vertically, and a minimum of 4 spacers per 1 ft. of shaft diameter horizontally.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers or other non corrosive spacing devices were installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete spacers or other non corrosive spacing devices shall be installed to provide uniform spacing for the entire cage which do not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.		Concrete spacers or other non corrosive spacing devices were installed to provide uniform spacing for the entire cage which did not exceed 10' intervals vertically and a minimum of 4 spacers or 1 per 1' of shaft diameter horizontally.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Minimum concrete cover is compliant with values shown in Section 503.18.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Concrete cover appeared acceptable prior to concrete placement.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Minimum concrete cover is compliant with values shown in the table of Section 503.18		Concrete cover appeared to be acceptable.	Conformance	10/27/2021 7:31:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		For any portion of the caisson socketed in fine grained bedrock susceptible to slaking and degradation such as, but not limited to, claystone, siltstone, or shale and provided the proper slurry properties have been achieved. If the concrete is not placed within four hours of drilling, the Contractor shall drill into the bedrock an additional 1/3 of the plan specified rock socket prior to placing the concrete		Rock socket was inspected and acceptable to IQC prior to cage placement. Boots were placed on cage.	Conformance	10/27/2021 7:31:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For any portion of the caisson socketed in fine grained bedrock susceptible to slaking and degradation such as, but not limited to, claystone, siltstone, or shale and provided the proper slurry properties have been achieved. If the concrete is not placed within four hours of drilling, the Contractor shall drill into the bedrock an additional 1/3 of the plan specified rock socket prior to placing the concrete		Socket was inspected by IQC and was acceptable. Boots were placed on rebar cage prior to placement into shaft.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Reinforcing cage was placed immediately prior to concrete placement.	Conformance	10/19/2021 2:45:25 PM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		The steel reinforcing cage has been placed immediately prior to placing concrete.		The reinforcing steel cages were placed immediately before placing concrete.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		Rebar cage was placed immediately prior to concrete placement.	Conformance	10/27/2021 7:31:52 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to concrete placement.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was placed immediately prior to placing concrete.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		Shaft was drilled and concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The steel reinforcing cage has been placed immediately prior to placing concrete.		The steel reinforcing cage was installed immediately prior to concrete placement.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		The steel reinforcing cage has been placed immediately prior to placing concrete.		Cage was placed prior to concrete placement	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drill shaft concrete was Class BZ with a 6" to 9" slump.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete was Class BZ Special, with has been approved for the project.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used was class BZ mix which has been approved for the project (6-9" slump).	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used was Class BZ mix which has been approved for the project (6-9" slump).	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used was a class BZ mix which has been approved for the project.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used was Class BZ mix which has been approved for the project (6-9" slump).	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Class BZ concrete mix was used, approved for project.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Drilled shaft concrete used for the shafts is a BZ mix approved for the project.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Drilled shaft concrete used is a class BZ mix which has been approved for the project (6-9" slump).		Concrete slump was verified and acceptable to IQC.	Conformance	10/20/2021 9:11:56 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For underwater placement is the contractor meeting the criteria & methods of 503.19.		Concrete placement was acceptable.	Conformance	10/20/2021 9:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Concrete was placed with tremie tube. Pump truck used.	Conformance	10/20/2021 9:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Tremie/ pump truck was used to place concrete.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The shaft met the criteria for wet placement, slurry is being used and concrete was placed with a tremie.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The drilled shaft meets the criteria for wet placement, slurry was being used and concrete was placed with a tremie/ pump truck.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The shaft met the criteria for wet placement slurry is being used and concrete is placed with a tremie.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		The shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Shaft met the criteria for wet placement-slurry was used and concrete was placed with a tremie.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		If the shaft meets the criteria for wet placement slurry is being used and concrete is placed with a tremie.		Shaft meets the requirement for wet placement slurry and concrete was placed with a tremie.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		The drilled shaft steel rebar cage did not exceed 2" upward displacement, and did not exceed downward displacement more than 6" during concrete placement.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the steel rebar did not exceed upward displacement more than 2 inches, or downward displacement by more than 6 inches.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel did not exceed upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel did not exceed upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel did not exceed upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement the drilled shaft steel did not exceed upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		During concrete placement, no upward or downward displacement of the rebar cage was observed.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		During concrete placement the drilled shaft steel has not exceeded upward displacement of the rebar cage by 2 inches, or downward displacement by 6 inches.		Rebar cage displacement was acceptable.	Conformance	10/20/2021 9:11:56 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Pump truck was used and tube was submerged during concrete placement.	Conformance	10/20/2021 9:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		The discharge end of the tremie remained submerged in the concrete for at least five feet and always contained enough concrete to prevent water from entering.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Throughout the underwater concrete placement operation, the discharge end of the tube shall remain submerged in the concrete at least five feet and the tube shall always contain enough concrete to prevent water from entering.		Concrete placement was acceptable.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was one continuous operation.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was a continuous operation.	Conformance	10/20/2021 9:11:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was continuous in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	12/7/2021 11:50:43 AM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placed within Conformance to Plans and Specifications.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement continued in one operation, and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete placement is continuing in one operation and has not exceeded the time in the Drilled Shaft Installation Plan.		Concrete placement was in one continuous operation and did not exceed the time in the Drilled Shaft Installation Plan.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting the sides of the reinforcing cage or holes.	Conformance	12/16/2021 7:13:34 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting the sides of the rebar cage or holes.	Conformance	12/21/2021 7:41:22 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting sides of reinforcing cage or holes.	Conformance	1/11/2022 7:30:51 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting sides of reinforcing cage or holes.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed without hitting sides of reinforcing cage or holes.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete placement was acceptable. Pump truck was used.	Conformance	10/20/2021 9:11:57 AM -06:00	C		Closed
Central 70	C 0704-241	Deep Foundations	UPRR Structures		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed using a tremie and did not hit the sides of the reinforcing cage.	Conformance	12/20/2021 7:46:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Concrete is placed without hitting sides of reinforcing cage or holes.		Concrete was placed with pump truck and did not hit sides of cage during placement.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		Concrete was cured properly.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		Concrete was properly cured.	Conformance	10/20/2021 9:11:56 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		The concrete at the top of the shaft was properly cured.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		The concrete at the top of the shaft is properly cured.		Concrete at top of shaft was blanketed, properly cured.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Poured drilled shafts were allowed to cure for 24 hours, no drilled shaft operations were done within 3 shaft diameters.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		Recently poured drilled shafts were allowed to cure, and drilled shaft operations did not occur within 3 shaft diameters.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		Recently poured drilled shafts have been allowed to cure for 24hrs and achieve 1800 psi prior to commencing pile driving or casing installation within a 20ft radius of the shaft, and drilled shaft operations within 3 shaft diameters.		No Pile driving or casing installation was preformed within the area.	Conformance	2/2/2022 12:29:39 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The drilled shaft meets the tolerances outlined in 503.20		Shaft was drilled in conformance to Specifications and Plans	Conformance	2/16/2022 3:01:39 PM -07:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		The drilled shaft meets the tolerances outlined in 503.20		Drilled Shaft Meets the Tolerances outlined in Spec 503.20	Conformance	2/17/2022 4:32:05 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		The drilled shaft meets the tolerances outlined in 503.20		The drilled shaft met the tolerances outlined in 503.20	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		For shafts placed with slurry the top of shaft was cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Shafts were placed with slurry, all scum, laitance, loose gravel, and sediment were removed on the surface, elevation of top of poured shaft was checked with survey to prevent incorrect installation of reinforcing steel.	Conformance	11/10/2021 7:28:53 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		Slurry was vacuumed from top of shaft.	Conformance	9/1/2021 10:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		For shafts placed in water or with slurry the top of shaft has been cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.		For shafts placed with slurry the top of shaft was cleaned up removing all scum, laitance, loose gravel and sediment on the surface along with any high spots that would prevent the correct installation of reinforcing steel.	Conformance	1/17/2022 8:29:20 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Caissons	Walls		Projecting reinforcing steel is cleaned of excess concrete (i.e.. splatter)		Projecting reinforcing steel was cleaned of excess concrete.	Conformance	12/2/2021 12:39:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Precast panel deck forms shall be stored and transported in a horizontal position and shall conform to the requirements of subsections 618.14(c) and 618.15		Panels were observed transported in a horizontal position and lifted in a horizontal Position.	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		When precast panels are erected, the fit of mating surfaces shall have no more than a 1/8 inch gap to prevent concrete leakage. If such fit cannot be provided, the joint shall be filled with grout or sealed with an acceptable caulking compound prior to the placing of the cast-in-place portion of the slab.		No large gaps were observed between the Deck Panels.	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Precast panels and their accessories, including components to set grade, shall not be attached by welding to steel girders or other structural steel elements or reinforcing steel.		No welding was observed.	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Lifting of more than one panel at a time shall not cause panel cracking. Methods for multiple lifting of panels shall be shown on the working or shop drawings.		No lifting of multiple panels was observed.	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Panel products shall be stacked in such a manner that damage does not occur.		No damage was observed on deck panels,	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Steel was protected from debris.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Steel was protected from dirt or other contaminants.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage and is free of any refuse material	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating has been protected	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was stored on wood blocks.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was stored on wooden blocks.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Rebar was protected from damage.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel was protected from damage at all times and was free from dirt, loose mill scale & rust, paint, oil, or any other foreign substance.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was placed and appeared acceptable.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All rebar was epoxy coated.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating was protected from damage at all times and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All epoxy coated rebar was protected from damaged.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was protected from damage.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Steel was protected.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Steel was kept free from debris and other foreign substances.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and was free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Wall Rebar	Walls	4/13/2022 11:23:08 AM -06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was not stored properly.	In expedited NCR log	5/2/2022 8:56:50 AM -06:00	NC-2	NCR 1526	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		All reinforcing steel and its epoxy coating were protected from damage at all times and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Structures	5/16/2022 9:56:24 AM - 06:00	All reinforcing steel and its epoxy coating, if applicable, have been protected from damage at all times from damage and is free from dirt, loose mill scale & rust, paint, oil, or other foreign substance.		Epoxy coated rebar was not stored properly. Epoxy coated rebar was not placed on dunnage and epoxy rebar was also placed on the ground where it was run over by cars.	Actually captured in ENCR 1538	6/9/2022 11:03:57 AM -06:00	NC-2	ENCR 1537	Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by before concrete placement by IQC.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC (Stoan) was on site before concrete inspecting Reinforcement	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected Rebar in Abutment Diaphragm.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by before concrete placement by IQC.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC was on site for Inspection.	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC before concrete placement.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM -06:00	Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC was present at the Pre-pour to check Rebar Reinforcement	Conformance	3/31/2022 8:14:43 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement has been inspected and approved by before concrete placement by IQC.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected rebar prior to concrete placement.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing was inspected and approved by IQC prior to pour.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcing was inspected and approved by IQC.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by IQC prior to concrete placement.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		Rebar was inspected by IQC prior to concrete placement.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected prior to concrete placement.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved before concrete placement by IQC.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved prior to concrete placement.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC was observed inspecting Reinforcement on Deck before Concrete Placement.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		Reinforcement was inspected and approved by before concrete placement by IQC.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected rebar prior to concrete placement.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected rebar prior to concrete placement.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected rebar prior to concrete placement.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar prior to concrete pour	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar prior to placement (Stone)	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Reinforcement has been inspected and approved by before concrete placement by IQC.		The reinforcement was inspected and approved by IQC (Stoan Bush) before concrete placement.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Reinforcement has been inspected and approved by before concrete placement by IQC.		IQC inspected and approved rebar installation prior to concrete pour.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing has at least 2" of clear cover.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Clear space was maintained.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement has a clear cover of 2 inches.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcing had at least 2" of clear cover	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had appropriate spacing	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had clear cover in conformance with the plans	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar had 2 inch cover.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar had 2 inches of cover.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar had 2 inch cover.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement had clearance/ cover of 2 inches.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		On the day of the pour vertical reinforcement on the overhand was observed to not meet 2" Clearance on Deck. See Picture #1. Rebar Clearance issue was mentioned to IQC (Cayetano) and PC (Adwardo) several times. Rebar clearance issue was resolved after concrete arrived on site.	Field Resolved	6/13/2022 2:46:37 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		On the day of the pour It was observed that Transverse bars along the overhang did not have 2" of Clearance and were touching the Drip Strip at the bottom and the west edge forms. It was mentioned to IQC (Chris) and it was adjusted.	Field Resolved	6/13/2022 2:46:37 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		On the day of the pour it was observed that the Top Deck reinforcement near the overhang had undulations along the longitudinal direction with the concern of not meeting Rebar clearance to top of Concrete. The concern was brought to IQC (Chris) and they verified that there were clearance issues and adjusted some of the top of mat reinforcement on the overhang.	Field Resolved	6/13/2022 2:46:37 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Concrete cover appeared that it would acceptable.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Concrete cover appeared acceptable at time of dry run.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement, including splices, had a clear cover of 2 inches.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Reinforcing had proper clear cover.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) has clear cover of 2 inches.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had clear cover of 2 inches.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had clear cover of 2 inches.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		2 inches of Clear cover was observed on rebar.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar appeared to have 2 inches of clearance.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) has a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		Rebar was observed to have 2 inches of cover.	Conformance	6/13/2022 2:40:03 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement (including splices) has clear cover of 2 inches, unless otherwise noted on the plans.		All reinforcement (including splices) had a clear cover of 2 inches, unless otherwise noted on the plans.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Partially imbedded bars were not field bent.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Partially imbedded bars were not field bent unless shown on the plans and are bent cold.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Partially embedded bars were not field bent unless shown on the plans and are bent cold.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Field bends were acceptable.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Partially embedded bars were not bent	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		Embedded bars were not bent	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Partially embedded bars are not field bent unless shown on the plans and are bent cold.		No bars were bent for placement.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars installed matched plans.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars were installed per plan.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the plans; The tie bars were placed alternating both vertically and horizontally, but the plans only indicated only alternating vertically. Alternating horizontally was approved via Brian Armstrong in the attached email	Field Resolved	7/29/2021 2:12:15 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the plans	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars installed matched plans.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size, type, number of bars, location and spacing as shown on the plans.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar was placed per plans.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar was placed per plans.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar was placed per plans.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar was placed per plans and spacing, cover and size appeared acceptable.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar appeared to be installed per plans.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover	3/7/2022 10:00:46 AM -07:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		There are 2 missing canopy foundations on east end of cover deck on the north side. Plans indicated rebar to be placed inside the cover deck pour for canopy foundation. Canopy type 1.	Tracked in NCR	4/4/2022 7:45:58 AM -06:00	NC-2	NCR 2791 was written to address deck rebar issues	Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/21/2022 2:54:03 PM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		1 Fence Gate Anchorage in the Cover Top Deck is missing. Plan Sheet B050.201 references 2 gate Anchorages on the Deck. Furthermore Plan Sheet TLD-022 and B050.421 reference the need for anchorage into the Cover Deck. Please see attached.	Tracked in NCR	4/4/2022 7:51:10 AM -06:00	NC-2	NCR 2791 was written to address the missing deck steel. This NCR will updated to reflect all instances of missing projection bar.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		After formwork had closed up the planter, required corner bars were found to be missing on all the corners per LSC-203. After talking with IQC and Alex Milyard, corner bars were installed in the planters.	Field Resolved	3/31/2022 8:14:43 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:37:19 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		After Formwork had closed up the planter, it was found that required "Reinf. Around Openings" had not been added per LSC-204. After talking with IQC and Brian Armstrong, extra reinforcement was added around openings in the walls (Irrigation & Electrical) on current work. There is concern that CIP walls poured prior with openings did not have the required "Reinf. Around Opening" per LSC-204	Tracked in NCR	4/11/2022 3:47:41 PM -06:00	NC-2	NCR 2838	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar installed appeared to match plans and specifications.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars installed matched plan sheets.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as shown on the plans.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar installed appeared to match plans and was acceptable.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar installed appeared to match plans and was acceptable.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/19/2022 8:58:06 AM - 06:00	Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar is used for Reinforcement in building Trickle Channel instead of W.W.F. This is tracked through As built per RFC-000738 and is not changed in plan sheet DRDT-010	Agreed.	5/23/2022 12:28:46 PM -06:00	Audit Comment	Tracked the change via as-built per the RFC reference numbers included. KIE-RFC-000182, KIE-RFC-000738	Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		According to LSC-103 the counterforts for this wall are type CF1. The Department was inspecting the rebar prior to the pour on 4/18 and noticed that the L bar was missing and that the horizontal bars were cut too short and needed to be lapped. The Department informed IQC and they agreed the rebar was missing. IQC informed production and the missing rebar was added before the counterforts were poured.	Field Resolved	4/20/2022 7:29:56 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		The Department was observing the seating pod at N=456069.51 & S=654077.91 on 4/21. It was observed that the horizontal rebar was placed at 12" spacing but keynote 6.1A references TLD-007 detail one for the rebar spacing which calls for #4 @ 6" OC each face. I spoke with the crew and asked about the rebar spacing. They thought it was supposed to be 12" spacing. So I called IQC and asked about the rebar spacing and they agreed the horizontal bar should at 6" spacing. IQC called Brian Armstrong to confirm with him and he agreed as well. The crew then agreed on the 6" spacing and began fixing the rebar before the pour.	Field Resolved	4/22/2022 12:26:32 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Reinforcement was observed to be conforming to Plans and Specs	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed Bars appeared to conform to Plans and Spec	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Diaphragms	Structures		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		It was observed Reinforcement was missing around penetrations into Abutment Diaphragm. I Alerted the Forman and he informed me they forgot them and added it in.	Field Resolved	5/9/2022 7:43:26 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Rebar observed appeared to match that in the Plans.	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		On 5/18 after IQC had signed the checklist for the first pour for Planter D in the Community space and before the pour I was inspecting the rebar. I noticed that the rebar at the expansion joint did not match sheet LSC-401. Wall reinforcing is supposed to stop 2" before the expansion joint and the rebar did not stop within 2". I told Alex Milyard about what I was seeing and he went and talked to the crew. At this time the concrete truck was already on site and testing was occurring. The crew removed the forms and trimmed the rebar that was incorrect and then reinstalled the forms. Once this was complete the wall was poured. See attached for images of the rebar.	Field Resolved	5/20/2022 9:04:47 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Upon initial inspection of the 6 CF2 counterforts in the Central Plaza Space I noticed that all of them were missing one of the L bars required on sheet LSC-301. I notified IQC representative Stoaan Bush while he was inspecting the rebar that a L bar was missing. He told me that only one L bar was required and told me to look at LSC-201 because there was a different detail for these counterforts. When I looked at that sheet with him I disagreed that that sheet had a different detail for the L bars in the counterforts. He did not have his ipad with him while he was inspecting and did not appear to be using the plans to check the rebar detail. I showed him the counterfort detail I was seeing on my ipad. He then agreed that the regular CF2 detail needed to be followed and the second L bar needed to be added. He told the crew to add the bar and it was added.	Field Resolved	5/25/2022 4:00:13 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Installed bars matched the grade, size type, number of bars, location, and spacing as required on the plans.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Two dowel bars embedded in the deck were cut and were missing their hook. IQC was alerted to the issue and asked the crew to splice on hook bars before the wall was poured. The hook bars were attached. See attachments.	Field Resolved	4/28/2022 9:08:22 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Installed bars match the grade, size type, number of bars, location, and spacing as required on the plans.		Bars appeared to match that of the Plans and Specs.	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All rebar was epoxy coated.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was placed.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		All reinforcing steel was epoxy coated.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was placed.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was used.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was used.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was placed.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated rebar was placed.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy-coated bars were used on the side of the wall exposed to splash, per the plans	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All abutments, pier columns, barriers, retaining walls, and any other reinforced concrete structures exposed to splash from adjacent roadway shall use epoxy-coated reinforcing steel.		Epoxy coated steel was used as detailed per plan.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices were staggered per specifications.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices and mechanical couplers were acceptable and epoxy coated couplers were installed per plans.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable in length, spacing and locations.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Rebar splices appeared acceptable and per plans.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared acceptable and in proper locations.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices appeared to match plan locations and were acceptable.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		Splices were installed per plans.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Splices are at the location shown on the plans or if a location is not called out the location is in conformance with the spacing defined in paragraph 10 of CDOT Specification Section 602.06.		It was observed that splices were in the correct locations.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices appeared acceptable.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices appeared acceptable. Mechanical couplers appeared acceptable.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices appeared acceptable.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered correctly	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		One of the splices were not the proper length. The foreman had the bar replaced to have the correct splice length	Field Resolved	8/5/2021 2:38:01 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise shown on the plans or approved, splices in adjacent lines of reinforcing bars shall be staggered and space at the length required for a lapped splice in the bar.		Splices were staggered.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Rebar supports shall be as follows: -Footings bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Appropriate rebar chairs were used.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Proper supports and chairs were used in rebar placement.	Conformanc e	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Approved blocks were used.	Conformanc e	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Approved supports were placed.	Conformanc e	9/21/2021 1:45:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were epoxy coated steel chairs (pier cap), epoxy coated steel chairs installed on sides of forms.	Conformanc e	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were acceptable.	Conformanc e	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Supports were acceptable.	Conformanc e	12/3/2021 2:43:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Rebar	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were acceptable.	Conformanc e	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar placement appeared acceptable.	Conformanc e	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		It was observed that all chairs were Coated.	Conformanc e	5/9/2022 7:43:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were steel chairs- expoy coated steel all tie wire & supports were epoxy or plastic coated.) -All Chairs in contact with forms were CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)	Conformanc e	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Rebar supports shall be as follows: -Footing bars or slabs on grade: Precast concrete blocking or other approved blocking material -All other applications: Steel chairs or precast mortar blocks (For expoy coated steel all tie wire & supports are epoxy or plastic coated.) -All Chairs in contact with forms: CRSI Class 1 or 2: Type B (ie. stainless protected, plastic or plastic protected, Epoxy-Coated, Vinyl-Coated, or Plastic-Coated)		Rebar supports were as follows: -Footing bars or slabs on grade: Precast concrete blocks were used.	Conformanc e	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to eliminate field damage and displacement.	Conformanc e	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to eliminate field damage and displacement.	Conformanc e	5/2/2022 8:47:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to eliminate field damage and displacement.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Embedded bars were adequately supported to eliminate field damage and displacement.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Embedded bars are adequately supported to eliminate field damage and displacement.		All bars were adequately supported.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded bars are adequately supported to eliminate field damage and displacement.		Bars were supported properly.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was tied appropriately.	Conformance	11/11/2021 7:36:37 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was tied per specifications.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Ties were placed on alternate intersections and appeared acceptable.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Ties were placed at alternating intersections.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections, except where spacing was less than 1 foot between bars.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Structures		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Rebar was tied at alternating intersections.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Ties were placed at alternating intersections.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing steel was tied at alternating intersections.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections were tied.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing steel was tied at alternating intersections.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Rebar was tied at alternating intersections and appeared acceptable.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All rebar was tied at alternating intersections.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was tied to specifications.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		Reinforcing was tied according to specifications.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections, all intersections were less than 1 foot.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All reinforcement shall be tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections shall be tied.		All reinforcement was tied at all intersections except where spacing is less than 1 foot in each direction, in which case alternate intersections were tied.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		Rebar was tied by hand.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		Rebar was tied by hand.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Tie wire installed by automated devices shall be roughly equal to the area of manually installed tie wire.		Ties were tightened by hand.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated ties were used.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated ties were placed.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated tie wire was used.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy-coated ties were used on epoxy-coated rebar	Conformance	8/5/2021 2:38:01 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		If epoxy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated tie wire was used.	Conformance	11/5/2021 7:18:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All ties, supports and couplers were epoxy coated.	Conformanc e	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Ties, supports and spacers were epoxy coated.	Conformanc e	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All chairs used were epoxy coated.	Conformanc e	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Supports, ties and rebar was epoxy coated.	Conformanc e	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated ties were placed at alternating intersections and appeared acceptable.	Conformanc e	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Rebar, supports and ties were epoxy coated.	Conformanc e	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was used, all supports, ties, and splicers used are plastic or epoxy coated.	Conformanc e	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was used for all supports, ties, and splicers used were plastic or epoxy coated.	Conformanc e	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		Epoxy coated rebar was used- all supports, ties, and splicers used are plastic or epoxy coated.	Conformanc e	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		If expoy coated rebar is being used all supports, ties, and splicers used are plastic or epoxy coated.		All rebar, supports, ties and splicers appeared to be epoxied.	Conformanc e	6/14/2022 4:21:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy Coating appeared in acceptable condition.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		It was observed that all Epoxy coated rebar was free from damage.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage to the epoxy coating- no cracks, flaking, chips, etc.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage to the epoxy coating- no cracks, flaking, chips, etc.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage to the epoxy coating, no cracks, flaking, chips, etc.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was free of major damage and minor damage was repaired with approved epoxy spray.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was free of major damage. The minor repairs were made with approved epoxy spray.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Rebar was in acceptable condition prior to concrete placement.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Rebar was free of major damage and minor damage was repaired.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Dowel baskets set in alignment on transverse joints, in middle portion of slab, oiled prior to concrete placement, epoxy coated.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was free from damage and minor damage was repaired with epoxy spray.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		On the day of the pour rebar was observed to have damage to the Epoxy Coating. It was mentioned to IQC (Cayetano) and it was resolved.	Field Resolved	6/13/2022 2:46:37 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated bars were free from damage	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was clean prior to concrete placement.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Epoxy coated rebar was clean and free of damage prior to concrete placement.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars are free from damage to the epoxy coating. (ie. cracks, flaking, chips, etc.)		Rebar placed appeared acceptable.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Rebar placement was acceptable.	Conformance	9/21/2021 9:23:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Approved supports were placed.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy coated supports were used and rebar was not in contact with other steel items.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Epoxy coated supports were used.	Conformance	1/26/2022 3:40:26 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Epoxy coated bars shall be placed on plastic supports or steel supports fully coated with plastic or epoxy & prevented from coming in contact with other steel items.		Supports appeared to be epoxy coated.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Approved spray epoxy coating was used for minor damage.	Conformance	12/3/2021 2:43:50 PM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Approved epoxy spay as applied to minor damage on epoxy coated rebar.	Conformance	12/13/2021 8:34:58 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Approved epoxy spray was used for minor repairs.	Conformance	9/21/2021 1:45:49 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Structures		Damaged epoxy bars have been repaired by approved method and with a material from the approved products list.		Approved epoxy coating was used for minor repairs.	Conformance	9/21/2021 9:06:35 AM -06:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		In concrete bridge decks the upper mat of bars shall be tied to the lower mat of bars at 4 foot maximum spacing in each direction.		Rebar mat was tied to girders.	Conformance	1/26/2022 8:38:12 AM -07:00	C		Closed
Central 70	C 0704-241	Rebar	Cover		In concrete bridge decks the upper mat of bars shall be tied to the lower mat of bars at 4 foot maximum spacing in each direction.		Upper mat of rebar was tied to lower mat of rebar.	Conformance	1/13/2022 9:03:48 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices including lane usage signs and DMS sign installed on Structure no. SIGN-E-17-KAJ have been installed per plan sheet ITS-030 and LI-030. All devices have been installed in accordance with all CDOT standards and specifications.	Conformance	2/7/2022 9:19:23 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices installed per plan sheet ITS-033 and in more detail on sheet SSTR-60. All devices installed in accordance with all CDOT standards and specifications.	Conformance	4/1/2022 1:31:21 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices on SIGN-E-17-KAI installed per plan sheet ITS-029 and LI-029. Devices installed in accordance with all CDOT standards and specifications.	Conformance	2/2/2022 1:44:23 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-048 and ITSXS-59. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/2/2022 1:42:00 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Type 7 Style CD Barrier Top Surface varies from 8" to 10" in some locations due to clearance from slip form machine to 1/2" joint. Plan RDDT-046 calls for 8".	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier has the required (4) #5 (Cont) reinforcement as called for in RDDT-046. Barrier sets up against 1/2" Preformed Joint Material.	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Panels were installed/ set per "C-70 Structure Tolerances".	Conformance	3/31/2022 4:38:34 PM -06:00	C		Closed
Central 70	C 0704-241	Noise Walls	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, material tolerances as shown in the Contract. Installation of coping sections was in compliance with Notes and Key Notes as shown on Plan Sht. B050.458.	Conformance	1/7/2022 8:04:53 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-031, SSTR-58, and SSTR-58A. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/7/2022 7:50:36 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-028 & SSTR-52. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/18/2022 12:51:10 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-016, LI-016, ITSID-05 and SSTR-30. All devices installed in accordance with all CDOT standards and specifications.	Conformance	1/24/2022 9:15:54 AM -07:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Note 5 on SGNL-07 says to "Furnish and deliver Future 45' and 20' mast arm to Denver traffic operations department". Sturgeon intended to install the 45' mast arm on the north east intersection of York and 46th South. After communication with Nick Aspen (Sturgeon), CCD and showing them the SGNL-07 #5 note; Sturgeon is now planning on delivering the Mast arm to CCD.	Field Resolved	7/11/2022 12:34:37 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed completed in accordance with all CDOT standards and specifications. Completed work built per plan sheet on ITS-011.	Conformance	6/22/2022 9:38:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract- per	Conformance	5/20/2022 8:00:47 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract, panels and coping set per "List of Structural Tolerances", PA Revisions, CDOT 504.27(6). CDOT 504.02(f)5, and CDOT.06(4).	Conformance	2/3/2022 7:18:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	2/1/2022 10:27:51 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The sign currently installed does not match the sign detail. See sheet DTSS-008 and the attachments. To respond to this Audit Comment please provide proof to CDOT that this sign and SS-024.09, SS-025.03, and SS-024.07 are on the as-built tracking sheet.	accept	9/6/2022 9:04:48 AM -06:00	Audit Comment	After discussions with design and KIC production. This sign was covered at the request of the department. The business called out on the sign has been out of business for 2+ years. Design is tracking it in the as built task force and the sign will remain covered.	Closed
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work performed does not conform to material requirements- PVC holes and lifting holes need to be grouted. Please refer to Plan Sheet WS712, Key Notes. Closed- Areas have been re-grouted and patched.	Field Resolved	3/23/2022 1:21:03 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work performed does not conform to the lines/ grades/ dimensions of coping installed. Panels do not fit properly. Closed- see attached photos of correct panels after installation.	Field Resolved	3/23/2022 1:21:03 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	2/28/2022 11:02:50 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		See the attached sign audit from Dahlia to Airport. Signs highlighted in red or orange are missing. Signs in yellow are typically covered or need to be updated. Signs in green are present and match the plans.	added to punchlist	9/6/2022 9:05:32 AM -06:00	Audit Comment	Hunter and Arlo have updated the C-70 punch list to capture all the audit items. KIC will continue to track the progress with the department in the task force.	Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-028 & SSTR-53. All devices installed in accordance with all CDOT standards and specifications. 2254+60	Conformance	3/22/2022 3:16:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plans sheets SSTR-54, SSTR-55, ITS-029, and ITS-030. All devices installed in accordance with all CDOT standards and specifications.	Conformance	3/10/2022 2:31:31 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-033 & ITSTP-05. All work performed in accordance with all CDOT standards and specifications. Unable to get updated photos of Loops and ALPR Cameras due to live traffic.	Conformance	8/15/2022 11:00:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets SSTR-52 & ITS-028. All devices installed in accordance with all CDOT Standards and Specifications. 2246+17.00	Conformance	3/10/2022 1:56:12 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-043 (2465+62.01), in accordance with all CDOT Standards and Specifications.	Conformance	2/28/2022 7:10:48 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plans sheet ITS-010 & SSTR-14. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/28/2022 7:13:02 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Girders were placed in accordance with UPRR Phase 6 Span 4 Erection Plan.	Conformance	3/16/2022 3:40:32 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	3/7/2022 9:59:12 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Due the consistent slope of the south Columbine approach slab and the rising slope of the west Cover bookend, a notch should have been place in the diaphragm to accommodate the depth of the 1'3" approach slab header. Please see attached photos. Brian Armstrong was notified via email. Writing the NCR since I have not seen it in DevonWay.	Tracked in NCR	4/4/2022 7:45:01 AM -06:00	NC-2	NCR 2815 was written to address this issue	Closed
Central 70	C 0704-241	Approach Slabs	Cover	3/11/2022 2:37:27 PM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The approach slab header details have not been constructed in accordance with the plans (Plan Sheet BS038). Please see the attached email. The 1.5" Sch 40 PVC has not been installed and the geocomposite material vertically down the back face of the diaphragm was not installed. This would be accurate for each approach slab location at the Cover.	Captured in NCR	4/11/2022 3:39:27 PM -06:00	NC-2	NCR 2815	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	3/16/2022 3:25:32 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Lane closure installed did not conform to MHT 104. No advance warning signage was installed, and TMA was not placed in closure.	Tracked in NCR	4/11/2022 3:50:50 PM -06:00	NC-2	ENCR - 1515	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Mast arm has been installed according to Sheet SGNL-13 & SNG-013. Sturgeon is waiting on 46th South Sign	Conformance	4/11/2022 3:42:16 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	2/28/2022 9:58:51 AM - 07:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The waterproofing joint utilized along the South Edge of the joint spanning the gap between the Cover and Slot drain does not allow for positive drainage off the Cover. The additional thickness from the joint dams up water that would otherwise make it to the drain. Please provide a solution that would allow for positive drainage off the Cover. Please see attached photos.	Tracked in NCR	4/4/2022 7:52:36 AM -06:00	NC-2	NCR 2814 was written to address this issue	Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conforms to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract, per attached "C70 Structure Tolerances"	Conformance	6/13/2022 2:47:13 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/29/2022 2:16:23 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Wall heights along the expansion joint are not flush. They are required to be flush according to TLD-007A details 1 and 2 and the EMSEAL SJS cover is supposed to bridge the two walls. Portions of the wall have approximately 1 inch delta between the top of walls. One wall is not consistently higher than another it varies which wall is higher. (see attached)	Tracking in NCR	4/11/2022 3:48:52 PM -06:00	NC-2	Discuss with crew, NCR 2836 created	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/29/2022 2:16:23 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The slope along the top of the wall does not match the slope on the grading plans on LG-004 and LG-005. (see attached)	Tracking in NCR	4/11/2022 3:49:13 PM -06:00	NC-2	Discuss with crew, NCR 2836 created	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/29/2022 2:16:23 PM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		EMSEAL SJS with cover is supposed to be placed between the adjacent walls. The EMSEAL SJS installation guide states "Ensure deck heights are the same across joint-gap and that there are no obstructions to the free movement of the cover plate." The guide also states "Ensure deck is even and flat along its length on both sides of the joint" The walls are not even on both sides or always flat surfaces.	Tracking in NCR	4/11/2022 3:48:56 PM -06:00	Audit Comment	Discuss with crew, NCR 2836 created	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The ITS cabinets and pull boxes installed at Station 1984+76 on Plan sheets ITS-008 and ITSID-05 were installed in the wrong locations. The plans called for the pullboxes and cabinets to be installed just NW of the caisson to be removed. The pullboxes were installed too far to the west and eliminated 2 parking spaces in the parking lot. Pull Boxes and cabinets were installed per plan the week of 6/20/2022.	Field Resolved	6/23/2022 2:31:43 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		PA Revision 504.27, No cracks were observed on wall panels	Conformance	4/5/2022 7:37:55 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		PA Schedule 10-Section 13.9.1, All wall panels were observed to be plumb and level	Conformance	4/5/2022 7:37:55 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT 504.02 (f) 5, Joints between adjacent panels was observed to be an 1"	Conformance	4/5/2022 7:37:55 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The gap between panel 78A and 77A was greater than the allowable 1" (1.25") due to the two panels meeting at an angle. IQC (Jim Chaney) determined that this was acceptable due to the gap not being structural	Field Resolved	7/29/2021 2:12:54 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Substructure	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The final slope of the top of abutment 1 for I-70 EB is correct within tolerances (see attached picture). Additionally, the abutment cap was cut deeper than the original design in order to chase out further concrete spalling, as shown in the modified detail attached (NCR 2653)	Conformance	7/29/2021 2:12:15 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the contract. Kiewit shot line and grade on the tracks and verified that the tracks installed were within tolerances.	Conformance	9/15/2021 4:13:40 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All poles installed per plan sheet RMP-010 and in accordance with all CDOT standards and specifications. Wiring installed per plan and also in accordance with all CDOT standards and specifications.	Conformance	10/5/2021 12:17:10 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		ITS Devices and wiring were installed per plan sheets ITS-029, ITS-030, SSTR-54 and SSTR 55. Devices to be tested and integrated at a later date.	Conformance	10/19/2021 12:33:20 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices and wiring were installed per plan sheets ITS-033, LI-033, ITSID-11 and SSTR-60.	Conformance	1/26/2022 11:01:01 AM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices and wiring were installed per plan sheets ITS-022 and SSTR-45B.	Conformance	10/19/2021 12:33:48 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices and wiring were installed per plan sheet ITS-043 and ITSXS-56.	Conformance	11/16/2021 3:34:11 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring were installed per plan sheets ITS-033 and SSTR-61.	Conformance	2/16/2022 1:44:43 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring were installed on the OHSS per plan sheets ITS-035, ITS-036, SSTR-65 and SSTR-66. Devices to be tested at a later day during the Local field operations testing.	Conformance	2/16/2022 1:45:05 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-038 & SSTR-69 for structure E-70-111. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/28/2022 7:16:52 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets listed below, all devices installed in accordance with all CDOT Standards and Specifications. Plan Sheets: SSTR-41 (C-70-67) 2150+53 SSTR-42 (C-70-68) 2155+13 ITS-021	Conformance	9/2/2022 3:02:48 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Pedestrian Light is observed to be the one specified in Plan Sheet Li-091 and LIG-05 and LIG-04 (F11A - CCD 12' Pedestrian light)	Conformance	4/27/2022 11:47:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed per plan on sheet ITS_033 and in more detail on sheet ITSID-11. Installation is in accordance with all CDOT standards and specifications. 1411 submitted.	Conformance	9/8/2022 12:40:48 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire were installed on OHSS per plan sheets ITS-033 & SSTR-60.	Conformance	6/22/2022 9:03:04 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices at STA2405+00 installed per plan on ITS-039 and in more detail on SSTR-73. All devices wire installed in accordance with all CDOT standards and specifications. Devices installed on SIGN-E-70-118.	Conformance	4/1/2022 1:30:51 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan on Sheet ITS-035 and in more detail on sheet SSTR-65. All work performed in accordance with all CDOT standards and specifications.	Conformance	9/1/2022 2:31:31 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Device and wiring where installed per plan sheets ITS-023, SSTR-46 and ITSIDT-29. Testing and integration of devices will be completed at a later date.	Conformance	11/2/2021 7:35:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All CSL tests met the required specifications and were approved by Benesch. See Aconex Reference Number KIE-TRN-028827.	Conformance	11/5/2021 9:37:55 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All milling was performed to end extents of temporary ramp.	Conformance	4/18/2022 3:19:11 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed conforms to the lines, grades, cross sections, and dimensions shown in the Contract.	Conformance	10/19/2021 8:36:09 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The UP track gang completed all work for constructing track and turn-outs off-line for Phase 5B Alt and all work appears to conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown in the Contract.	Conformance	11/12/2021 1:39:29 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Work was observed to conform to B030.123 and shops.	Conformance	5/19/2022 8:42:15 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	2/18/2022 7:33:17 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Channel was placed per plan.	Conformance	11/3/2021 1:06:59 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work observed (Location, Signs, Mast Arm Length, Signals, Light) was conforming to Plan Sheet SGNL-15 and SNG-015.	Conformance	4/13/2022 9:36:08 AM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Ped Pole foundation was 18" wide and 6LF long.	Conformance	3/23/2022 1:20:12 PM -06:00	C		Closed
Central 70	C 0704-241	Ramp Meter	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work completed in accordance with all CDOT standards and specifications. All work completed in reference to plan sheet RMP-004.	Conformance	6/22/2022 9:39:36 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire have been installed and tested. Seven(7) Lane Usage Signs, One(1) Full color DMS have all been installed per plan sheet ITS-030 and in more detail on sheet SSTR-55. All device have been installed in accordance with all CDOT standards and specifications.	Conformance	3/10/2022 12:44:34 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wire installed in accordance with all CDOT standards and specifications. Installed per plan sheet ITS-031 and in more detail on SSTR-58	Conformance	10/29/2021 8:29:00 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS Full-Color DMS installed and tested. DMS installed per plan sheet ITS-028 and in more detail on SSTR-53. DMS has been installed in accordance with all CDOT standards and specifications.	Conformance	3/10/2022 2:30:44 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS devices and wiring installed per plan on sheet ITS-033 and in more detail on SSTR-61. All devices installed in accordance with all CDOT standards and specifications.	Conformance	3/22/2022 3:16:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ITS EFS installed per plan on sheet ITS-048 and in more detail on sheet ITS-048 and in more detail on sheet ITS-048 and in more detail on sheet ITS-048. All devices and wire installed in accordance with all CDOT standards and specifications.	Conformance	4/11/2022 11:43:37 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Fiberglass conduit was installed on the existing viaduct from Washington St to 44Ave per spec and plan sheets ITS-008, ITS-009 and ITSBD-04 through ITSBD -14.	Conformance	11/9/2021 7:42:10 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit was placed in barrier prior to pour according to plans.	Conformance	10/29/2021 9:48:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detour Paving	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		During walk of newly construction detour paving for the EB Steele off ramp, it was noted that the cross slope of the pave road did not appear to be constructed per the temp pavement drawings. The ramp was to be sloped to the south at 2%, and it was actually paved to the north at a of approximately 7.5-8%. This was brought up to team and address immediately before the ramp was opened to traffic. The plans did not include cross-slopes or transitions.	Field Resolved	10/21/2021 11:58:08 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work observed conformed with plan sheet SNG-015 and SGNL-15. Sturgeon is waiting on the Clayton St Sign.	Conformance	4/11/2022 3:41:42 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conformance because the rebar was #4 place at 1' spacing. Lapping met the 2' minimum. The piano wire was placed correctly to match the proper depth of 1' 2" and height of 2' 3". Both concrete truck were tested the air entrapment in the first truck was 7.4% and 8% for the second truck. Shotcrete was placed to the proper thickness and matched to the already poured cap.	Conformance	1/11/2022 12:16:36 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-046 & ITSXS-57. All devices installed in accordance with all CDOT standards and specifications.	Conformance	2/2/2022 1:53:37 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All ITS conduit installed per plan on sheet ITS-007 and in accordance with all CDOT standards and specifications.	Conformance	1/21/2022 3:20:04 PM -07:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet ITS-004. All devices installed in accordance with all CDOT standards and specifications. 1930+90	Conformance	4/11/2022 11:44:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet SSTR-46 and ITS-023. All devices installed in accordance with all CDOT standards and specifications. Not all tolling equipment specified on sheet ITSTP-03 installed yet. 2180+54	Conformance	4/12/2022 5:39:04 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet SSTR-60 and ITS-033. All devices installed in accordance with all CDOT standards and specifications. Not all tolling equipment specified on sheet ITSTP-05 installed yet. 2316+28	Conformance	4/20/2022 8:42:07 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Bridge finishes installed to date of completion were installed per plan. A preliminary walk was conducted with PC, Benesch, RailPros, and QCATs to create a punch list for structure completion.	Conformance	6/1/2022 9:47:01 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-033, ITSID-11, ITSXS-44. All devices installed in accordance with CDOT standards and specifications.	Conformance	9/2/2022 3:06:06 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-017 & ITSID-07. All devices installed in accordance with all CDOT standards and specifications.	Conformance	9/2/2022 3:04:32 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was completed prior to removal of barrier.	Conformance	7/19/2022 2:12:16 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, as shown in the Contract.	Conformance	6/30/2022 7:50:04 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Concrete material was batched and tested in accordance with specifications.	Conformance	5/19/2022 8:36:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Concrete placed was tested and met specifications.	Conformance	5/20/2022 8:01:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Rebar in Type 7 Style CA was observed to be conforming to CDOT standards.	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Light Foundation was surveyed out and installed in the Correct Location. Correct Light (CCD Pedestrian Light) is intended to be installed.	Conformance	4/27/2022 11:44:25 AM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Conduit was observed to be 1" in Diameter. Conduit was observed being routed into the lighting foundation and into the Pull Box	Conformance	4/27/2022 11:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Barrier type 7 style CA Dimensions were observed to be conforming to CDOT Standards	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The Department sent a Field Issue Conversation Email on 4/15 (see attached) asking if the southern ~18 ft of the wall matched the grade on grading plans. The wall did not appear to fully match the grade by visual inspection. On 4/18 IQC and PC verified the top of wall elevation via survey and stated it was within tolerance. See attached for IQC's measurements of the wall.	Conformance	4/19/2022 1:53:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, as shown in the Contract. All work and materials are installed per Plan Sheet DRDT-011.	Conformance	4/22/2022 12:25:55 PM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work observed (Location, Signs, Mast Arm Length, Signals, Light) was conforming to Plan Sheet SGNL-15 and SNG-015.	Conformance	4/13/2022 9:35:18 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	5/19/2022 8:41:16 AM -06:00	C		Closed
Central 70	C 0704-241	Signal Foundations	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Signal Foundation appears to be meeting Plan sheet SGNL 12 and CCD Specs	Conformance	7/27/2022 7:41:22 AM -06:00	C		Closed
Central 70	C 0704-241	Signals Poles and Wire	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sturgeon installed the mast arm and it meets requirements on Plan Sheet SGNL-13 and SNG-013. Sturgeon is waiting on the Columbine St Sign	Conformance	4/11/2022 3:40:49 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-029 & SSTR-54. All devices installed in accordance with CDOT Standards and Specifications. 2268+15	Conformance	8/23/2022 11:40:20 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheet RMPXS-04 & RMP-004. All devices installed in accordance with all CDOT standards and specifications.	Conformance	8/11/2022 2:27:19 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Service road grade, materials, and crossings were constructed per plans.	Conformance	5/19/2022 8:36:09 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	5/27/2022 10:48:09 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Panels were placed in accordance with plans and shops.	Conformance	7/13/2022 2:54:06 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/20/2022 8:31:12 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was observed that a portion of the Trickle Channel in the Brighton East Pond (Zielinski Pond) has negative slope. Plan Sheet DRP-0021 calls for 0.5% positive slope in the direction of flow.	Agreed.	6/16/2022 11:12:34 AM -06:00	NC-2	NCR 2874 has been assigned for this assessment	Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work performed and all materials furnished conformed to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.	Conformance	6/22/2022 8:05:58 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	6/21/2022 8:49:47 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		46th N st sign on 46th and Milwaukee assembly is not the permanent sign panel. It is a temporary plastic sign panel. The Department would like to discuss the tracking mechanisms for incorrect sign installations.	In punchlist	7/29/2022 12:50:05 PM -06:00	Audit Comment	Added to punch list, Tracked under #2582	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	6/21/2022 8:49:47 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Stop sign for NB traffic at Milwaukee and 46th N was not installed per CCD 16.2.7 standard drawing. No detail exists to attach angle bracket to stop sign. Sign is not plumb. The Department would like to discuss the tracking mechanisms for incorrect sign installations.	In punchlist	7/29/2022 12:50:13 PM -06:00	Audit Comment	Added to punch list, Tracked under #2582	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	6/21/2022 8:49:47 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Madison street sign at 46th S is not installed per plan location. It is also not 7' above sidewalk grade, as per CCD 16.2.11 standard drawing note 4. ENCR 1558 has been issued to resolve this.	Field Resolved	6/21/2022 7:53:04 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		EPS Foam included as fill for the Stairs was allowed during RA 0211	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was observed that the Dura Slot was being backfilled on the south edge of the Cover Top and the Tensor BX1100 was centered on Slot with 8' wide miramesh was placed over the Tensor BX1100 with #57 stone atop that. Additionally it was observed that the Hydrodrain was placed inside the dura slot with the fabric removed and the Mirafi Geo Fabric was placed over the #57 Stone. Class 6 Material was observed placed over the Mirafi Geo Fabric in a lift to about 10" Max	Conformance	8/1/2022 3:27:52 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Removals were taken to all limits shown on plans.	Conformance	8/22/2022 8:40:52 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Pond excavation was completed to match grades on plans.	Conformance	8/11/2022 2:34:31 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-04 & ITSID-02. All devices installed in accordance with CDOT Standards and Specifications.	Conformance	9/2/2022 3:13:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Denver water main access was plated and paved over due to lead times acquiring the steel lid.	Agreed	8/17/2022 9:57:27 AM -06:00	Audit Comment	Work in progress. Manhole ring and lid will be placed when received.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/12/2022 6:45:48 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Sheet LG-001 calls out a 1.8% slope on the landing of the wheelchair ramp at Swansea Elementary. It was observed that this slope was exceeded. See attached for photos.	Captured in ENCR 1618 and escalated to Devonway NCR 2923	8/23/2022 10:39:52 AM -06:00	NC-2	ENCR 1618 was assigned for this assessment.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was observe Kiewit was placing bags of rocks used for drainage in the planter on the north side of the Swansea playground per detail 5 in Plan sheet TLD-007. However, these bags were not the "Soil Fabric" as called out. The bags also appeared to be low to non-permeable. I advised Alex Milyard of the note to use "Soil Fabric" Alex promptly removed the bag of rock. Regard LL-001 for location.	Field Resolved	8/12/2022 10:42:28 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		It was observed CEI was placing curb on 46th South between Columbine and Clayton along the north side of the Road. CEI placed curb against the Major Expansion Joint of the Cover Top. However, those expansion joints needs EMseal down to the waterproofing before curb can be placed. This was brought to the attention of Ceyetano (IQC) and Leslie (PC) and Brian Armstrong	Field Resolved	8/17/2022 1:36:08 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/19/2022 6:30:31 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		On Tuesday 8/16/22 it was observed Play Tiles were being installed in the rainy weather. This could impact the adhesion of the glue with the interlocking blocks	Agreed	8/23/2022 12:39:19 PM -06:00	Audit Comment	Noted. Adhesion of these areas will be monitored, as necessary.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/19/2022 6:30:31 AM - 06:00	All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Play Tiles appear to be installed according to Manufacture instructions and DTLCT-04 and LL-001 and TLD-001. Play Tiles are placed on the polyfoam padding and glued in place with interlocking blocks. Play tiles appear to be straight across without and ridges or valleys. Play Tiles appear to have a smooth transition to concrete edges. Play Tiles are directly over Inlet in the Swing Area. Play Tiles appear to follow the design shown in LL-001.	Conformance	8/18/2022 1:08:01 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		The following signs from the 28th of June were not installed per plan. See attached email.	Field Resolved	6/29/2022 12:54:24 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All Devices installed per plan on Sheet ITS-029 and in accordance with all CDOT standards and specifications.	Conformance	8/26/2022 2:39:43 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-048 & ITS-050. All work performed in accordance with CDOT specifications and standards.	Conformance	8/15/2022 11:01:52 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All devices and wiring installed per plan sheets ITS-017 & ITSID-07. All devices installed in accordance with CDOT Standards and Specifications.	Conformance	8/17/2022 3:27:34 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		CDOT ramp meter system installed per plan on sheet RMP-004 and devices, poles and wire installed in accordance with all CDOT standards and specifications.	Conformance	9/1/2022 2:30:35 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		All work was completed before barrier was removed.	Conformance	7/19/2022 2:12:51 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown in the Contract.		Light Poles bases appear to be in the correct locations and elevations as indicated in plan sheet LG-001. Light Bases should be flush with Sidewalk	Conformance	8/31/2022 2:20:42 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM -06:00	Upon delivery, verify receipt of proper material certifications. Inspect pipe and coating material for cracks, defects, and damage that may have occurred during shipping. Verify that smooth lined pipe is being used for irrigation and storm drain systems.		Conformance since no defects were observed for the installed pipe.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Has a Safety Critical Plan for trenching been submitted and approved? 2. Is the work in conformance with this plan?		There has not been a safety critical plan submitted.	Discussed with KMP. They provided engineered drawings. Documentation now being tracked through Aconex Document Number, C70-KIE-SSF-PMP-000014 and email CDOT-TRN-045294	5/17/2022 12:35:03 PM -06:00	Audit Comment	Stamped Drawing allowing 9' vertical face in soil mixed areas	Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Check that manholes, inlets, and pipes have been properly staked and matches the plans.		Pipe run P-IN-70E3030a was properly staked and matched the plans.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Joints for all circular and elliptical reinforced pipe shall be made with confined rubber gaskets. Concrete collars shall be required at all non standard joints (not tongue and groove or bell and spigot), and at all connections to existing pipe.		Conformance since rubber gaskets were used.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Underground utility conflicts located and/or potholed and resolved.		Conformance, there were no utility conflicts.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		Underground utility conflicts located and/or potholed and resolved.		Known utility conflicts were identified prior to jacking operation. Unknown utilities, when found were communicated and resolved through approved process.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Trench bed has been properly graded and compacted		No compaction needed as flash fill was placed underneath the pipe and the trench was properly graded.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Rock encountered during trenching has been removed to 12" below grade.		Conformance since there was no rock removed in this excavation.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Alignment and elevation of trench matches the plans and specifications		Conformance since the elevation of the trench matched the plans.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		The excavation was in conformance with this spec.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Check the type and depth of bedding for conformance with M&S Standards.		Conformance since the pipe was backfilled with flash filled as specified in sheet DRDT-016D.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched the class, size, and type as shown on the plans.	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe matches the class, size and type shown on the plans.		Pipe matched the class, size, and type shown on the plans.	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began down stream from Columbine towards Clayton.	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM - 06:00	Pipe placement begun at downstream end?		Conformance since pipe placement began at the downstream end.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe placement begun at downstream end?		Pipe placement began at the downstream end.	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		The entire pipe placement was not sitting on the bedding material as it was elevated for Flashfill. Flow line was checked and verified.	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		Entire length of the pipe placed was resting and in contact with bedding material and the proper flow line.	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM -06:00	Check that the entire length of pipe rests in contact with the bedding material at the proper flow line.		This was not required since flash fill was used below the pipe.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		When pipe is to be jacked, trenching will not be permitted. Pipe must be jacked without disrupting traffic.		Pipe was jacked without disruption to traffic. Track outage was scheduled with RTD prior to operation.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		The area around the outer surface of the pipe shall be thoroughly grouted.		Area around outer surface of pipe was properly grouted.	Conformance	1/10/2022 2:49:41 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" lifts.	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage	3/31/2022 10:41:31 AM -06:00	Required compaction obtained prior to placing successive layers		This was not required since flashfill was used.	Conformance	3/29/2022 6:04:36 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		When material becomes saturated due to poor surface drainage, it must be dried.		No saturated material was noted, moisture content was within spec.	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located.	Conformance	8/31/2021 8:35:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify the location of utilities and the status of any relocation work. Note any encroachment permits. Backfilling shall be accomplished in accordance with subsection 206.03.		Utilities were located prior to excavation beginning.	Conformance	5/20/2022 7:58:32 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		All sediment and erosion controls necessary were placed prior to operation beginning.	Conformance	5/20/2022 7:58:32 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify compliance with respect to erosion and sedimentation control, vegetation and tree protection, wetlands, and other environmental requirements including mitigation measures committed to in the Environmental Assessment or Environmental Impact Statement.		All environmental protection was placed and maintained during operation.	Conformance	8/31/2021 8:35:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Pay particular attention to required treatments for steep slopes and transition areas		Slopes and transition areas were properly protected at the end of the shift.	Conformance	8/31/2021 8:35:45 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Be alert to any condition that could indicate a possible slide area		No conditions were present to indicate slide.	Conformance	10/13/2021 1:23:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Control points were preserved.	Conformance	10/13/2021 1:23:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Make certain the Contractor preserves slope stakes and control point references during the operation		Control points and survey stakes were maintained during operation.	Conformance	9/7/2021 9:51:43 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the site has been properly cleared and grubbed		Site was properly cleared and grubbed.	Conformance	8/31/2021 8:35:45 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Materials that contain organics or that cannot be dried or moisture conditioned, then compacted to the required density shall be disposed of and shall not be reused as embankment fill		All unsuitable material was removed from site.	Conformance	10/13/2021 1:23:18 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify removal based on directives from the Project Engineer.		Excavation material was removed or stockpiled in acceptable locations.	Conformance	5/20/2022 7:58:32 AM -06:00	C		Closed
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/19/2022 8:58:06 AM -06:00	Verify ditch construction (e.g., typical sections, staking, natural drainage, interceptor ditches at tops of cuts).		Trickle channel construction was observed to be in conformance to plans and specs.	Conformance	5/19/2022 8:35:26 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Ensure that the Best Management Practices for water quality control are monitored as required		BMPs were installed and maintained.	Conformance	9/7/2021 9:51:43 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Verify that slopes and transition areas are being treated as specified with regard to keying the new material		Transition area between Class 1 and Class 2 backfill was keyed in and compacted properly.	Conformance	6/14/2022 7:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Criteria is met for Soil Embankment, Rock Embankment, and Rock Fill		Criteria was met for Soil Embankment, Rock Embankment, and Rock Fill	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		The embankment was maintained free of organic and frozen materials and uniformly mixed.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/19/2022 8:58:06 AM -06:00	Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment is observed to be free of Organic and frozen material.	Conformance	5/19/2022 8:35:26 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Check to ensure that the embankment is maintained free of organic and frozen materials and uniformly mixed.		Embankment material was free of organic and frozen material.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Rocks, concrete, and asphalt chunks larger than allowable dimensions must be removed and disposed of properly.		Rocks, concrete, and asphalt chunks larger than allowable dimensions were removed and disposed of properly.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		The embankment material was placed in uniform horizontal lifts that did not exceed the allowable maximum thickness.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Embankment material was placed in uniform lifts and did not exceed maximum thickness.	Conformance	4/20/2022 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Verify that the embankment material is placed in uniform horizontal lifts that do not exceed the allowable maximum thickness.		Material was placed in uniform horizontal lifts.	Conformance	9/7/2021 9:51:43 AM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Observe the compaction operation for uniformity with respect to moisture content and target density.		Compaction was completed uniformly.	Conformance	9/7/2021 9:51:43 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Observe the compaction operation for uniformity with respect to moisture content and target density.		The compaction operations were observed for uniformity with respect to moisture content and target density.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Check that the top two feet of embankment is constructed with rock free material.		The top two feet of embankment was constructed with rock free material.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in conformance with the specification.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in conformance with the Spec.	Conformance	4/20/2022 3:44:57 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		Proof roll was conducted in conformance with the Spec.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		The proof roll was conducted in conformance with the specification?		IQC verified that the area passed the proof roll after the soft spot repair was performed in checklist #15308.	Conformance	7/14/2022 1:06:42 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Embankment material was being placed to avoid damage to adjacent structures.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Ensure that embankment material is being placed to avoid damage to adjacent structures.		Material was placed and no damage to adjacent structures.	Conformance	12/21/2021 12:18:50 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Oversize material should not be used around structures or pile driving locations.		Oversize material was not used around structures or pile driving locations.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Roots, logs, and other unsuitable materials must be disposed of in designated areas outside the fill area.		Roots, logs, and other unsuitable materials were disposed of in designated areas outside the fill area.	Conformance	12/17/2021 9:10:57 AM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Frequently monitor the earthwork cross-section (e.g., width, side slopes, grade) for conformance with regard to tolerance of typical sections.		Subgrade was constructed as shown in the typical section of plans. Width and grade were in conformance with typical section.	Conformance	12/21/2021 12:18:50 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		After construction, verify that the roadway grade and prism are within specified tolerance and that embankment construction meets the density requirements of the Contract.		Roadway grade and prism were within specified tolerance as per plan.	Conformance	12/21/2021 12:18:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The subgrade was shaped to the required grade and free of irregularities. Subgrade was compacted in accordance to Spec.	Conformance	4/20/2022 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The subgrade was shaped to the required grade per plan. Subgrade was free of ruts and all irregularities prior to placing base material.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		2. The subgrade shall be shaped to the required grade and section, free from all ruts, corrugations, or other irregularities, and uniformly compacted and approved in accordance with Section 203.		The subgrade was shaped to the required grade free from ruts and uniformly compacted.	Conformance	4/20/2022 3:45:30 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		The subgrade was compacted properly, density tests were performed and passed.	Conformance	4/20/2022 3:45:30 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade and Base materials were properly compacted and met the required moisture and density requirements.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade was compacted to the required moisture and density. Density tests were performed and passed.	Conformance	4/20/2022 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		4. Check that the subgrade/base has been compacted to the required moisture/density.		Subgrade and base were compacted and both achieved required moisture/density.	Conformance	12/21/2021 12:18:50 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		Proof roll operation was conducted. Major soft spots were identified and corrected.	Conformance	4/20/2022 3:44:57 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		5. During the proof rolling operation, check for soft spots and ruts, and ensure that the contractor corrects these deficiencies.		During the proof roll operation two soft spots were identified and corrected prior to base material being placed.	Conformance	4/20/2022 3:45:30 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Any soft spots should be corrected before the paving operation begins.		Soft spots were identified and marked out on grade during proof roll operations. Soft spots were removed, repaired, and a reproof roll was conducted on repaired areas. Passed.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Grade was paved within 48 hours.	Conformance	3/7/2022 12:50:04 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		7. Upon approval of the proof rolling, the subbase, base course, or initial pavement course shall be placed within 48 hours.		Proof roll was conducted and no soft spots were identified. Paving operation began with 24 hours of completion.	Conformance	12/21/2021 12:18:50 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		HMA was not placed on frozen subgrade. Operation did not start until surface temp was within Spec.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Asphalt was not placed on frozen subgrade. Weather was acceptable for paving.	Conformance	12/10/2021 12:31:33 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Was asphalt placed on a frozen subgrade or setting bed? Remove and replace unit paver work damaged by frost or freezing.		Sub grade was approved by IQC and appeared acceptable. Temperature was acceptable for asphalt placement.	Conformance	8/23/2022 10:48:33 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface appeared acceptable and was at uniformed grade at time of placement.	Conformance	8/23/2022 10:48:33 AM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The surface was graded and compacted properly. No irregularities were found.	Conformance	4/20/2022 3:45:30 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The surface was graded and compacted properly. Irregularities in base course were corrected, brought to uniform grade and cross section .	Conformance	6/13/2022 2:45:37 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Base course was graded and compacted properly.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded, properly compacted, and density test was performed.	Conformance	12/10/2021 12:31:33 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Base surface was brought to uniform grade, cross section, and properly compacted.	Conformance	12/10/2021 12:31:08 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly prior to HMA placement.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Subgrade (Cement Treated) was properly placed, mixed, compacted, and graded. Base was also placed, graded, compacted, and brought to uniform grade and cross section.	Conformance	11/11/2021 2:48:56 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		The surface was graded, compacted properly, and produced and uniform texture where aggregates were firmly keyed.	Conformance	4/20/2022 3:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the surface graded and compacted properly? Are the Irregularities in the existing pavement or base brought to uniform grade and cross section?		Surface was graded and compacted properly to uniform grade and cross section prior to HMA placement.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected prior to base placement.	Conformance	11/11/2021 2:48:56 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified during subgrade proof roll. Areas were corrected.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		During proof roll operation soft spots were identified by IQC and Qcat. Areas were corrected, re-proof rolled and passed.	Field Resolved	12/10/2021 12:31:08 PM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Subgrade	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		During proof roll operation conducted by IQC, PC, and Qcat. One soft spot was identified prior to paving. Soft spot was repaired, reproof rolled and passed.	Field Resolved	12/10/2021 12:31:33 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Base	Earthwork		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Soft spots were identified and corrected, no frozen material was present.	Conformance	6/13/2022 2:45:37 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Soft spots identified and corrected? Do not permit paving on frozen subgrade or base material.		Sub grade was inspected and accepted by IQC. Soft spots were not observed.	Conformance	8/23/2022 10:48:33 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proofroll was conducted in accordance with Spec 203.09. Soft spots were identified and corrected. The axle weight of the water truck was recorded by IQC, small areas of deflection were marked and repaired. Date, Stas., general condition, and methods used for correction were recorded.	Conformance	6/13/2022 2:45:37 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Was the Proof-roll conducted accordance of Spec 203.09 to identify soft pockets and areas of excess yielding? 1. Does the inspector have the Weight ticket for the axel of the truck being used? 2. Was the inspector marking areas which exhibit excessive deflection? 3. Was the inspector documenting the proof roll information such as; date, areas (Stations), general condition, methods used to repair unacceptable subgrade		Proof-roll was conducted in accordance to Spec. Soft spots were identified on the Subgrade (Cement Treated) and repaired. Proff-roll was then again conducted on soft spot repairs and passed.	Conformance	11/11/2021 2:48:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	9/30/2021 8:49:50 AM - 06:00	Is the surface to be treated properly prepared?		Surface was swept, but rainfall did not allow surface to dry.	Adequate	11/3/2021 2:49:02 PM -06:00	Audit Comment	QC and PC re-inspected the area prior to paving continuing. Weather events trigger a new hold point inspection to continue paving operations	Closed
Central 70	C 0704-241	SX	Roadway		Is the surface to be treated properly prepared?		The surface(s) were properly prepared.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surfaces were swept and cleaned.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		The surface was swept to remove accumulations of loose gravel and debris.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Surface was swept and cleaned prior to tack application.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the surface swept to remove accumulations of loose gravel and debris?		Prior to the second lift of HMA. The surface was swept and clean prior to tack application.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		All structures were tacked.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Were the Contact Surfaces of curbing, gutters, manholes, and other structures uniformly coated with asphalt cement prior to placing asphalt mixture against them?		Tack was applied to required surfaces prior to asphalt placement.	Conformance	8/23/2022 10:48:33 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack coat was allowed to break after application.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack coat was allowed to break after application. No overspray or smearing was observed.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was placed in an acceptable manner.	Conformance	8/23/2022 10:48:33 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack coat was allowed to break after application, no overspray or smearing was observed.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack coat was allowed to break after application, no overspray or smearing was observed.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		The tack coat was allowed to break after application, no overspray or smearing was observed.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to HMA placement.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack was allowed to break prior to SMA placement.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway	9/30/2021 8:49:50 AM -06:00	Allowed to break after application? Where overspray or smearing is observed, were the affected surfaces cleaned?		Tack did not break in areas due to rain.	Adequate	11/3/2021 2:49:11 PM -06:00	Audit Comment	IQC and PC re-inspected the area prior to paving continuing. Weather events trigger a new hold point inspection to continue paving operations	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	9/30/2021 8:49:50 AM - 06:00	Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Tack coat was applied to wet surface(s).	Adequate	11/3/2021 2:49:17 PM -06:00	Audit Comment	IQC and PC re-inspected the area prior to paving continuing. Weather events trigger a new hold point inspection to continue paving operations	Closed
Central 70	C 0704-241	SMA	Roadway		Was tack placed under the following two conditions? Prime coat and tack coat shall not be applied under the following conditions: 1. When the surface is wet. 2. When weather conditions would prevent the proper construction of the prime or tack coat		Weather conditions were ideal for tack placement.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the traffic kept off the material as long as practical?		All traffic was kept off tack material as long as possible.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the traffic kept off the material as long as practical?		Crew did a good job monitoring traffic after tack was applied.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		No traffic was allowed on the paved surfaces until temps were less than 100F.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		Traffic was kept off the material as long as practical.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		All traffic kept off the material for as long as practical.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		Traffic was kept off the material as long as practical.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was the traffic kept off the material as long as practical?		No traffic was on fresh mat throughout the day(s).	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The Contractor shall supply a Certificate of Compliance that verifies that the approved means and methods used to prevent asphalt paver segregation have been implemented on all pavers used on the project		Contractor supplied a Certificate of Compliance that verified that the approved means and methods used to prevent asphalt paver segregation have been implemented on all pavers used on the project.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway	9/30/2021 8:49:50 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were not suitable for SMA paving- Light rain began at approx. 10:40 PM, then steady rainfall until approx. 1:45 AM. Surface was wet. Temperatures dropped below 50 degrees F by 1:00 AM, paving continued.	Continue to monitor	11/3/2021 2:48:51 PM -06:00	Audit Comment	KIC discussed the paving in question with IQC and PC inspectors. Rain did interrupt the paving operation that night. The paving stopped. As soon as the rain was over the area was re-inspected and deemed suitable for paving. The mix that was still in the silo/trucks was placed and paving was shutdown for the night.	Closed
Central 70	C 0704-241	SMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient temperature and surface temperature were acceptable for paving.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions, ambient and surface temperature were acceptable for paving.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for HMA placement.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for placing HMA.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient (59 to 91F) and surface temperature (95 to 150F).	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient temperature was 75 to 93F, and surface temperature was 80 to 115F.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient and surface temperature were 50 to 82F, and 100 to 155F, respectively.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient and surface temperature was 52 to 85F, and 100 to 155F, respectively.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions appeared acceptable for paving	Conformance	8/3/2022 12:30:40 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient and surface temperature were 80 to 88F, and 75 to 80F, respectively.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving, ambient temp was 82F, surface temperature was 75 to 80F.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Weather conditions acceptable for paving? Ambient and surface temperature?		Weather conditions were acceptable for paving.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix was delivered within acceptable temperature range.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix was within specifications.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Mix was delivered within acceptable temperature.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		Delivered mix temperatures were within spec.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix met specifications.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	Temperature of delivered plant mix meets specifications?		Temperature of delivered plant mix met specifications.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temperature of delivered plant mix meets specifications?		The temperature of delivered plant mix met specifications.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used for MTD.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		The type of material transfer device (MTD) being used?		MTD was used throughout the whole paving operation.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	The type of material transfer device (MTD) being used?		Shuttle buggy was used for material transfer device.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The type of material transfer device (MTD) being used?		Shuttle buggy was used as MTD.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		11 haul trucks used.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Total of 14 Belly Dumps used for material hauling.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Contractor had 18 belly dump trucks in rotation during paving operations.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		8 trucks used for delivery.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Ten (10) tandem dump trucks were used to deliver mix this date.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		First day 17 Tandems, Second Day 16 Tandems	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		Tandem trucks were used during paving operations.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		15 tandem trucks were used on rotation for paving operation.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		12 tandem dump trucks were used for hauling material this date.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		The number of trucks on the haul was 11 tandem dumps.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM -06:00	The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		24 tandem dump trucks on the haul this date.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		12 tandem dump trucks were used on the haul this date.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		The number of trucks on the haul was 15 tandem dump trucks.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The number of trucks on the haul. (Truck types, tandem, trailer, belly dump, or live bottom)		The number of trucks on the haul was 11 tandem dump trucks.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		The first truck charged the hopper when the load was delivered, no mix dumped on the roadway.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		The hopper was charged when the 1st load was delivered, any mix dumped on the roadway was removed	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Did the truck charge the hopper when the load was delivered? Remove any mix dumped on the roadway?		First truck charged the hopper when the load was delivered, any mix dumped on the roadway was cleaned up.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski used for paving control.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		30' Automatic leveling ski was used during mainline paving operation.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Ski-type device at least 30 feet in length was used as paving control device.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Short ski was used for paving control.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		A short ski was used during this operation.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		A short ski was used for the paving operation.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		Automatic grade control was used.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was one of the following paving control devices used? (1) Ski-type device at least 30 feet in length. Automatic leveling ski of proper length? (2) Short Ski or short shoe. (3) At least 5,000 feet of control line and stakes. However, the following instances of manual operation are acceptable:		A short ski was being used during the entire paving operation.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Paver was operated manually around utility manholes.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation of the paver was used in irregularly shaped and minor areas (tapers, ramps, manholes, joints.)	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Manual operation of the paver is permitted in irregularly shaped and minor areas (e.g., tapers, ramps, manholes, joints and where adverse paving conditions are encountered). Closely monitor these areas for conformance.		Manual operation of the paver was used when paving occurred on ramps and tapered areas.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	If the automated control system of the paver fails, the equipment may be operated manually for the remainder of the workday, provided specified results are obtained. If the Contractor fails to obtain and maintain the specified surface tolerances, the paving operations shall be suspended until satisfactory corrections, repairs, or equipment replacements are made.		The automatic grade control on the paver did not fail, no manual operation needed.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was not operating at a forward speed consistent with uniform and continuous laying of the mixture. The paver operated in a stop and go motion due to the inconsistent truck delivery of the mix.	Understood	12/2/2021 12:41:01 PM -07:00	Audit Comment	Access, traffic and plant variables all play into continuous paving. KIC monitors and remediates stop and go paving as much as possible.	Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating with a stop and go motion due to lapses in delivery and irregular delivery times.	Adequate	9/15/2021 4:22:20 PM -06:00	Audit Comment	Trucking is monitored nightly and adjusted as needed.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		The paver was operating at a forward speed consistent with uniform and continuous laying of the mixture.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operating in a constant forward speed consistent with uniform and continuous placing of the mixture.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the paver operating at a forward speed consistent with uniform and continuous laying of the mixture? Or was the paver operated in a Stop and go motion?		Paver was operated in continuous forward motion.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was being kept half full during the paving operation.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, head of material in auger chamber was 1/2 to 2/3 full, and material was placed at cross-slope or crown shown on typical section.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, head of material in auger chamber was 1/2 to 2/3 full, and placing material at cross-slope or crown shown on typical section.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, the head of material in auger chamber was 1/2 to 2/3 full, placing material at cross-slope or crown as shown on typical section.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, the head of material in auger chamber was 1/2 to 2/3 full, and were placing material at cross-slope or crown shown on typical section.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, the material was kept at midpoint of augers, head of material in auger chamber was 1/2 to 2/3 full, and placing material was at cross-slope or crown shown on typical section,	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, and the head of material in auger chamber 1/2 to 2/3 full, material was placed at cross-slope or crown shown on typical section.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, head of material in auger chamber was 1/2 to 2/3 full, material was placed at cross-slope as shown on typical section.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material kept at midpoint of augers, head of material in auger chamber 1/2 to 2/3 full. Material was placed at cross-slope or crown as shown on typical section.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept consistently full during paving operations.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		Hopper was kept more than half full at all times, material was kept at midpoint of augers, auger chamber was at least half full, material was placed at cross slope as shown on typical sections.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	(a) Was the hopper kept more than half-full at all times? (b) Material kept at midpoint of augers? Head of material in auger chamber 1/2 to 2/3 full? (c) Placing material at cross-slope or crown shown on typical section?		The hopper was kept more than half-full at all times, material was kept at midpoint of augers, the head of material in auger chamber 1/2 to 2/3 full, material was placed at cross-slope or crown shown on typical section.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation observed from paver hopper to augers.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material was witnessed during movement of material from the hopper to the paving augers.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed during the movement of material from the paver hopper back to the paver augers.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of mix was observed during the movement of material.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation of material was witnessed during movement from the hopper to the augers.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed from the paver hopper to the augers	Conformance	8/3/2022 12:30:40 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No visible segregation was observed during the movement of material from the hopper to the augers.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was segregation observed during the movement of material from the paver hopper back to the paver augers? (Reference Spec for more information)		No segregation was observed in mix.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled at a regular interval to prevent large buildups of the material.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled at a regular interval to prevent large buildups of the material.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled at a regular interval to prevent large buildups of the material.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The wings of the hopper were dumped throughout the day, Paver wings were cycled at a regular interval to prevent large buildups of the material.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Paver wings were cycled at a regular interval to prevent large buildups of the material.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		The wings of the hopper were dumped only at end of day.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the wings of the hopper dumped only at end of day? Paver wings should be cycled at a regular interval to prevent large buildups of the material.		Wings were dumped at end of shift.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, the auger was two inches above the finished surface of the mat.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, the auger was two inches above the finished surface of the mat.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		Augers appeared to extend the full width of the screed.	Conformance	8/3/2022 12:30:40 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Do the augers extend the full width of the screed? Is the auger two inches above the finished surface of the mat?		The augers extended the full width of the screed, and the auger was two inches above the finished surface of the mat.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was at least 40 rpm, the auger time in rotation verses idle time. The auger was rotating at least 80% of the time.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm (the auger time in rotation verses idle time). The auger was rotating at least 80% of the time.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm, the auger time in rotation verses idle time. The auger was rotating at least 80% of the time.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm, the auger time in rotation verses idle time. The auger was rotating at least 80% of the time.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm, the auger time in rotation verses idle time. The auger was rotating at least 80% of the time.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm, the auger time in rotation verses idle time. The auger was rotating at least 80% of the time.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was at least 40 rpm, the auger was rotating at least 80% of the time	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger rotating at 40 rpm or more, 80% of the time.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		The auger rate of rotation was 40 rpm, the auger was rotating at least 80% of the time.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		The auger rate of rotation (40 rpm)? The auger time in rotation verses idle time. The auger should be rotating at least 80% of the time		Auger was rotating at least 80% of the time, at least 40 rpm.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		Vibrator on the screed was functioning.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Is the screed vibrator functioning?		The screed vibrator functioning properly.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		Vibrator screed was functioning properly.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning during the paving operation.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning properly.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is the screed vibrator functioning?		Screed vibrator was functioning properly.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the screed vibrator functioning?		The screed vibrator was functioning during the entire operation.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The paver should be equipped with a full-width vibratory screed. Was the screed checked for trueness with a string line?		The paver was equipped with a full-width vibratory screed, was checked for trueness with a string line.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	The paver should be equipped with a full-width vibratory screed. Was the screed checked for trueness with a string line?		The paver was equipped with a full-width vibratory screed, and the screed checked for trueness with a string line.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing behind the screed was observed.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing behind screed noted.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Was flushing observed behind the screed? All flushed areas behind the paver shall be removed immediately upon discovery. Reference specification for further requirements.		No flushing was observed behind the screed.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed with an acceptable finish with no visible signs of segregation.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation, was uniform in appearance and texture, the paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material placed produced and acceptable finish with no segregation observed.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation, the surface of the mat was uniform in appearance and texture. The paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		The material was placed within required surface tolerance and produced an acceptable finish without segregation, uniform in appearance and texture. The paver distributed the mixture to the established grade and required thickness over the entire width.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the material placed within required surface tolerance and produced an acceptable finish without segregation? The surface of the mat should be uniform in appearance and texture (without holes, tears, gouges, drags, or segregation)? Did the paver distribute the mixture to the established grade and required thickness over the entire width or partial width as practical?		Material was placed within the required surface tolerance and produced an acceptable finish without segregation.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation of material was observed behind the paver.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed on the mat.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed behind the paver.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed on asphalt mat.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed in the asphalt mat.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed in asphalt mat.	Conformance	6/23/2022 4:57:22 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Was segregation is observed? (windrow, hopper, behind the paver, after rolling, etc.) 1) If Yes, was the Construction Manager and the Contractor notify immediately? Was the segregated material replaced with specification material before initial rolling has taken place? 2) Did the QMP (Quality Management Plan) address how the Contractor will address unacceptable segregation by stopping paving operations and corrected action before paving can resume?		No segregation was observed during paving operations this date.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was stationing established to allow yield checks and material placement?		Stationing was established to allow yield checks and material placement.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	What type of grade control was used? Is it functioning properly?		Auto sensors were used for grade control, was functioning properly.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		IQC and PC were onsite during operation and documenting thickness and temperature.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Material placement location, thickness, yield checks and temperature documented?		Material placement location, thickness, yield checks and temperature were documented.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material thickness was being monitored by screed operator and temperature was being check by IQC and PC.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Material placement location, thickness, yield checks and temperature documented?		Material placement thickness and temperature was being documented by PC.	Conformance	12/22/2021 7:46:41 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Material placement location, thickness, yield checks and temperature documented?		Conformance	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementarity	Cover		When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		Drainboard that was used as a "Roadway" for the paver got pulled up once by the paver and again by a skid steer when removing material. There appeared to be no damage to the waterproofing underneath.	Agreed	8/17/2022 9:57:15 AM -06:00	Audit Comment	Means and Methods. Best solution to protect the membrane	Closed
Central 70	C 0704-241	SX	Roadway		When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		HMA was placed over the waterproofed bridge deck with no damage protective covering.	Conformance	12/22/2021 7:46:42 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	When the placement of hot mix asphalt is on a waterproofed bridge deck, ensure the equipment did not damage the membrane or protective covering.		Material placed on waterproofed bridge deck, the equipment did not damage the membrane or protective covering.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat was checked behind the paver screed for conformance, and to establish a rolling pattern by PC.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance prior to rolling.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat was checked being the screed, the mixture was at proper temperature before rolling.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat was checked behind the paver screed for conformance, was at proper temperature prior to rolling.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature of the mat were being checked by PC.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance. The mixture was at proper temperature before rolling.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance, the mixture was at proper temperature before rolling.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance, the mixture was at proper temperature before rolling.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		Temperature was checked behind the paver by PC, IQC, and Qcat.	Conformance	4/20/2022 3:46:12 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance. The mixture was at proper temperature before rolling.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Check the temperature of the mat behind the paver screed for conformance. Ensure the mixture is at proper temperature before rolling.		The temperature of the mat behind the paver screed was checked for conformance. The mixture was at proper temperature before rolling.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Were the rejected areas (e.g., segregated areas, soft spots) corrected prior to placing a subsequent lift?		No rejected areas.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Temporary and permanent pavement marking plans approved? Was the joint and pavement marking plan submitted during the pre-paving conference followed?		Temporary and permanent pavement marking plans were approved. The joint and pavement marking plan was submitted during the pre-paving conference and followed.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck cleanout was at asphalt plant.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck cleanout was at hot mix plant yard.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM - 07:00	Is there a truck "clean out" site available. Is it being used?		No truck clean out on site, cleanup was at plant.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		Yes there was a truck clean out site on both days of paving.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		There was a truck "clean out" site available, and it was being used.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		There was a truck "clean out" site available on site and being used.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is there a truck "clean out" site available. Is it being used?		A truck clean out area was utilized.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Is there a truck "clean out" site available. Is it being used?		Truck cleanout site was available and being used.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Is there a truck "clean out" site available. Is it being used?		Truck clean out site was available and being used.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Where cores taken?		Cores were taken.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Where cores taken?		Cores were taken at random locations on mat.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were densities of the random samples determined by cores according to CP44? Coring shall be performed by the Contractor under Department observation.		Densities of the random samples were determined by cores according to CP44. Coring was performed by the Contractor under Department observation.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Roller were operating in accordance to the CTS.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were rollers operating in accordance with approved Compacted Test Section?		Rollers were operating in accordance to the CTS.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction operation rolling sequence was followed.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		CTS sequence was followed during rolling operation.	Conformance	12/22/2021 7:46:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was being followed.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction operation rolling sequence was as follows: 1) initial breakdown rolling, 2) intermediate rolling, 3) finish rolling.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was being followed throughout compaction operation.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		Compaction rolling sequence was followed.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	HMA	Roadway		Was the compaction operation rolling sequence followed? 1. Initial Breakdown Rolling. 2. Intermediate Rolling. 3. Finish rolling. It is preformed while the mix is warm enough to permit the removal of roller marks.		The compaction sequence was followed.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Rollers operated at appropriate speed.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Is the roller traveling faster than approximately three miles per hour (brisk walking pace)? Traveling below 3 mph? Picking up material? Rollers kept clean?		Roller was travelling at approximately 3 mph, not picking up material, roller drums kept clean.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		No pneumatic tire roller was used during compaction operation.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was a pneumatic-tire roller are used? Was the correct tire pressure used in accordance with the compaction test section? Pneumatic wheel rollers shall not be used on SMA mix		Pneumatic tire roller was used.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers used a combination of vibratory and static rolling.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Vibratory and static rolling were used in combination.	Conformance	4/22/2022 12:27:58 PM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was the vibratory feature of the roller using? Vibratory rollers can be used in either the static or vibratory mode. Where the vibratory mode is used, the frequency should be as high as practical without detriment to the mat.		Rollers were using both static (finish) and vibratory modes (breakdown and intermediate).	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SMA	Roadway		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		Areas were marked out and no vibratory rolling was conducted on bridge decks.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Use of vibratory roller with the vibrator on will not be permitted during surface course final rolling and will not be permitted on bridge decks covered with waterproofing membrane.		Rollers were not used in vibratory mode during rolling operation.	Conformance	12/22/2021 7:46:42 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Crushing aggregate?		There were no visible signs of crushed aggregate.	Conformance	12/22/2021 7:46:42 AM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		There were no visible signs of crushed aggregate.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Crushing aggregate?		No visible signs of crushed aggregate.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Was density obtaining before mat cooled to minimum specified temperature?		IQC obtained densities before mat cooled to min. specified temp.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Were the field density determinations completed in accordance of CP-44 and CP-81?		The field density determinations were completed in accordance of CP-44 and CP-81.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the field density determinations completed in accordance of CP-44 and CP-81?		The field density determinations were completed in accordance of CP-44 and CP-81.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were the field density determinations completed in accordance of CP-44 and CP-81?		The field density determinations were completed in accordance of CP-44 and CP-81.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were longitudinal joint densities (percent relative compaction) determined in accordance with CP-44?		Longitudinal joint densities (percent relative compaction) were determined in accordance with CP-44.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Were longitudinal joint densities (percent relative compaction) determined in accordance with CP-44?		Longitudinal joint densities (percent relative compaction) were determined in accordance with CP-44.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed, marks were removed with the finish rolling.	Conformance	6/23/2022 4:57:23 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed. All rollers marks were removed with the finish rolling. Use of vibratory rollers with the vibrator on was not permitted during surface course final rolling.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed, all rollers marks were removed with the finish rolling.	Conformance	6/22/2022 12:08:28 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed, all rollers marks were removed with the finish rolling.	Conformance	6/16/2022 1:38:09 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed, all rollers marks were removed with the finish rolling.	Conformance	6/17/2022 11:38:06 AM -06:00	C		Closed

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Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All of the roller marks were removed, and all rollers marks were removed with the finish rolling.	Conformance	6/15/2022 11:38:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed by the finish roller.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed when rolling operation was completed.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks removed with the finish roller.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed by the finish roller.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway		Were all of the roller marks removed? All rollers marks shall be removed with the finish rolling. Use of vibratory rollers with the vibrator on will not be permitted during surface course final rolling and will not be permitted on any rolling on bridge decks covered with waterproofing membrane.		All roller marks were removed.	Conformance	12/22/2021 7:46:42 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		519.02 The Developer is responsible for providing the materials required for the Construction Work following industry best practices and the manufacturer recommendations to meet a total Garden Roof Assembly system warranty per		I was observing Alpha gluing down drainboard in the Events Lawn lawn space and noticed that Spinout had not	Field Resolved	5/20/2022 9:35:59 AM -06:00	Field Resolved		Closed



Section 519.18 (*CO-061).

been applied to all seams of the root barrier (RB) protection course. Stoan Bush was standing near the installation and I told him that it looked like drainboard was being applied on RB without spin out applied. And he immediately dismissed my concern and told me that spin out was not needed in that area and that spin out was only required in the planter areas. I told him I don't think that is true and that spin out is necessary on all the seams of the RB. He again ignored my concern and told me that that was not true. I asked him to check if that was true for me. So he went and talked to Corey with Alpha and did not come back or follow up with me about my concerns. The IQC and PC checklists both require spinout to be applied to the RB seams and the integrity test needs to be performed before drainboard is applied. There is a hold point inspection required. So later in the afternoon me and Andy Green approached Stoan and asked him why



drainboard was glued to RB if the Spinout had not been applied. He then told me that the Spinout had been applied. I asked him when did they apply it, was it after I told you about the issue? He ignored my question and did not answer it. He then said lets just go look at it. So the three of us go to the area and lift up the drainboard and the spinout had not been applied to the whole area under the glued down drainboard. Stoan said that that looked like spin out to him. He was very dismissive of the Departments concerns. He also said that the spinout was not applied since that area had not been tested yet. He said it was glued down so the drainboard did not blow away. So I told him that then the drainboard should not have been placed there because there is a hold point and the membrane needs to be tested and spinout needs to be applied before drainboard is allowed to be glued down. He then said what should they do, should they cut off the extra drainboard?

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							He was not following the hold points of the checklist and he had said he was the one auditing the installation of the drainboard and signing the checklist. He then called Corey with Alpha and discussed the issue with him. Corey verified that that area had been tested. So the crew added the spin out on the protection course and then reglued the drainboard in the area. See attached for images of the drainboard before and after the fix.					
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		519.02 The Developer is responsible for providing the materials required for the Construction Work following industry best practices and the manufacturer recommendations to meet a total Garden Roof Assembly system warranty per Section 519.18 (*CO-061).		On 7/11 crews were placing material around the pipe in the tree trenches along the east side of the cover and the east bookend. I noticed that in multiple of the tree trenches spin out had not been applied to the waterproofing protection course. I notified Suzanne with IQC that material was being placed in the tree trenches even though the waterproofing was not finished. Suzanne notified the crews immediately and had them stop placing fill. The material was then vacuumed out the next day.	Field Resolved	7/18/2022 12:31:04 PM -06:00	Field Resolved		Closed

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Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	5/31/2022 1:08:38 PM - 06:00	(a) Certification from an approved independent testing laboratory experienced in testing this type material, that the material meets these specifications for rubberized asphalt waterproofing membranes (testing not greater than 5 years old) 25% post-consumer recycled rubber content and inert clay fillers. Testing shall be done by a national testing laboratory acceptable to the engineer.		The Department and KMP met with Hydrotech on May 11 and Hydrotech is not able to provide test results within the last 5 years and from an independent laboratory for all the required tests. KMP has already installed this material and it does not meet the required testing specification. See attached for the test results Hydrotech cannot provide.	NCR 2861	8/29/2022 8:44:08 AM -06:00	NC-2	NCR 2861 has been developed to address this item.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	5/31/2022 1:08:38 PM - 06:00	(h) Documentation that the waterproofing membrane assembly is currently listed as a Class 1 Roof Cover with Factory Mutual Research Company Standard 4470 listing for the proposed membrane system. The waterproofing membrane configuration shall be approved by FM for Class 1-SH (severe hail) exposure.		The Department and KMP met with Hydrotech on May 11 and Hydrotech said the material does not meet the requirements for severe hail. KMP has already installed this material and it does not meet the required specifications.	NCR 2861 - Accept use-as-is on the Project Agreement requirement that Hydrotech provide a 30-Year Warranty	8/29/2022 8:49:41 AM -06:00	NC-2	NCR 2861 has been developed to address this item.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(h) Contractor shall assure that adequate protection is provided after installation so other trades do not damage waterproofing membrane.		I originally sent a field resolved email on 3/15 (see attached) discussing the Departments concerns about inadequate protection of the waterproofing. The email noted that the waterproofing membrane, protection course, and the hydrodrain layers were getting dirty and were not being adequately protected from other trades. The cleanliness of the	Field Resolved	4/1/2022 11:52:02 AM -06:00	Field Resolved		Closed



drain board was brought up multiple times in the weekly CCD/CDOT Cover Top Coordination meetings and the Department was assured by IQC and Brian Armstrong that the crews were aware that they needed to keep the drain board clean. The Departments concerns were also brought up to IQC and Brian in the field. In the CCD/CDOT Cover Top Coordination meeting on 3/24 the Department was told that the crews will blow off the drainboard at the end of every day and that a magnet would be run over the board to clear out any nails and ties from the rebar. I have also reminded Brain and Stoan in the field to ask the crews to keep the drain board clean after nails, concrete dust, concrete chunks, and rebar ties were noticed on the drainboard that had not been cleaned up at the end of each day. Burn holes were also observed in the drainboard from other trades working on the board. The Department was assured that these burn holes would be



							found and repaired before backfill was placed on the cover. In the Cover Inspection meeting with IQC on 3/29 the Department brought up concerns about the cleanliness of the drainboard and that the Department felt it should be inspected before soil was placed on it. Backfill was being placed on the drainboard on 3/30 and nails, rebar ties, and burn holes were still present on areas of the drainboard that were about to be covered. IQC and Brian were notified about this issue and they contacted alpha to repair the burn holes and had crew members run a magnet over the area about to be backfilled. But it seems that the drainboard was not inspected before backfill was placed.					
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		1. Apply a surface conditioner as recommended by the manufacturer and in conformance with ASTM D41 only to concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m2/L) depending on surface texture. Surface conditioner shall "tan" the surface, not blacken it.		Surface Conditioner was observed placed according to plans and specifications	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		2. Allow sufficient time for the surface conditioner to thoroughly dry prior to the waterproofing membrane application.		Surface Conditioner was observed placed according to plans and specifications	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		1. The waterproofing membrane shall be heated in double jacketed, oil bath or hot air melter with mechanical agitation, specifically designed for the preparation of a rubberized asphalt membrane.		Membrane was observed heated in hot air melter	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		1. All detailing and flashing shall be done in accordance with the manufacturer's standard guideline details.		Flashing was installed according to all manufacture's guidelines	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		2. All detailing and flashing shall be completed before installing the waterproofing membrane over the field of the substrate.		Flashing was installed according to all manufacture's guidelines	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		2. Overlap fabric reinforcing sheet 1-2 inches (25.4 mm - 50.8 mm) with waterproofing membrane between sheets.		Fabric was observed to be overlapped appropriately	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		2. Embed the Protection Course – at Vehicular Traffic Areas into the membrane while it is still hot to insure a good bond. Installation of a separation course is necessary in order to carry out the water test. Overlap adjoining sheet edges (dry) a minimum of 2 inch – 3 inch (50.8 mm - 76.2 mm) to insure complete coverage.		Protection Course was observed installed according to Plans and Specifications	Conformance	2/25/2022 3:27:37 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/29/2022 2:16:23 PM - 06:00	2. ACI 117, "Specifications for Tolerances for Concrete Construction and Materials."		As specified in ACI 117 gradual irregularities shall be measured using a 5 ft straight edge and for Class A surface +/-1/8in is allowable. The wall was measured using a 4 ft straight edge and exceedances of more than 1/8in were present. (See attached)	Tracking in NCR	4/11/2022 3:49:15 PM -06:00	NC-2	Discuss with crew, NCR 2836 created	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		A. Design, erect, shore, brace, and maintain formwork, according to ACI 301, to support vertical, lateral, static, and dynamic loads, and construction loads that might be applied, until structure can support such loads.		Formwork appeared to be conforming to Spec	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		B. Construct formwork so concrete members and structures are of size, shape, alignment, elevation, and position indicated, within tolerance limits of ACI 117.		Location of Formwork appeared to be in the correct location	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		D. Construct forms tight enough to prevent loss of concrete mortar.		Formwork appeared to be tight and no holes were observed	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		H. Chamfer exterior corners and edges of permanently exposed concrete.		Chamfers on edges were observed.	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		A. General: Comply with CRSI's "Manual of Standard Practice" for placing reinforcement.		Reinforcement appeared to be conforming to Plans and Spec	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		B. Clean reinforcement of loose rust and mill scale, earth, ice, and other foreign materials that would reduce bond to concrete.		Reinforcement appeared to be conforming to Plans and Spec	Conformance	6/13/2022 2:40:04 PM -06:00	C		Closed
Central 70	C 0704-241	Jack and Bore/Tunneling	Drainage		603/IQC/Culverts and Sewers/603/Construction Compliance/Visual Inspection/Checklist/Meet contract requirements/Daily during production		603 requirement in the MTIP matrix for Jack and Bore requires that IQC complete daily checklists with a visual inspection during installation of the pipe. Operation began 7 January, and jacking operation completed 10 January. As of 10 January, no IQC checklists have been submitted for this operation.	See ENCR 1438	1/13/2022 8:39:14 AM -07:00	NC-2	ENCR 1438 has been issued to resolve this matter.	Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Where cast-in-place structures are used, check forms and reinforcing steel for proper condition and dimension. Check the Contractor's Bar List.		Cast-in-place structure was used, checked forms and reinforcing steel for proper condition and dimension, correct bar size in place.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		This work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans or established		The work consists of the construction of manholes, inlets, and meter vaults in accordance with these specifications, and in conformity with the lines and grades shown on the plans.	Conformance	2/11/2022 8:42:06 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Mud work appeared acceptable at time of grout application.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe sections on the inside of manholes or inlets were treated as shown on the plans, and projected outside sufficiently for proper connection with next pipe section.	Conformance	3/25/2022 12:53:23 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe section on the inside of the inlets were treated and also projected outside sufficiently for proper connection with next pipe section.	Conformance	11/11/2021 3:36:34 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe sections on the inside of manholes or inlets shall be treated as shown on the plans, or as directed, and shall project outside sufficiently for proper connection with next pipe section.		Pipe sections on the inside of the inlets were projected sufficiently for proper connection with the next pipe section.	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipes of the proper type and size shall be build into a manhole where future laterals are to be constructed. These pipes shall be sealed at their outer ends and an invert shall be built into each manhole for such lateral connections. When a manhole is located in the pavement area, it shall not be constructed to final grade until the pavement has been completed.		Pipe, joints and structural penetrations appeared acceptable prior to flowable fill placement.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		1) All bricks shall be thoroughly wetted, before being laid, either by immersion or in a manner satisfactory to the Engineer. Special care shall be taken to make the face of the brick work smooth. All joints on the interior surface of the manholes and appurtenances shall be carefully struck. Brick shall not be laid upon a concrete foundation until the concrete has set. 2) Masonry shall conform to the requirements for the respective type. When specified, the outside face of structures shall be plastered with a 1/2 inch thick cement-sand mortar coat. Unless otherwise provided, exposed surfaces of concrete and masonry shall be cured as defined in subsection 601.13. Masonry shall fit neatly and tightly around the pipe		Bricks were witnessed being thoroughly wetted by immersion prior to placement.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe elevations and locations were properly staked and matched plans	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe/ inlet elevation and location were properly staked and matched plans.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe elevations and locations properly staked and matched plans.	Conformance	2/11/2022 8:42:06 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe elevations and locations were properly staked and matched plans.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipes were set to proper elevations	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe was properly placed in it location and matched plans	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe, inlet elevations and locations were properly staked	Conformance	11/11/2021 3:36:34 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Inlet and pipe elevations were properly stake and matched plans.	Conformance	4/20/2022 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Pipe elevations and locations properly staked and match plans.		Pipe elevations were staked and matched plans.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		The alignment and elevation of the excavated area matched the plans and spec.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Trench alignment and elevation matched the plans and spec.	Conformance	4/20/2022 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		The alignment and elevation of the trench matched the plans and spec.	Conformance	11/11/2021 3:36:34 PM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevation of trench matches the plans and specifications.	Conformance	2/11/2022 8:42:06 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment appeared acceptable and survey verified elevations.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Alignment and elevation of trench matches the plans and specifications		Alignment and elevations of the trenches matched the plans and specs.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width and depth were in compliance the Spec.	Conformance	11/11/2021 3:36:34 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Excavation meets the following criteria: A. Trench width is 1'-6" from each outside face of the drainage element (ie. box, pipe, culvert) B. Trench depth from bottom of pipe is in compliance with the M&S Plans (3" in soil or 12" in rock)		Trench width was more than required spec. of 1'-6" from each outside face of the pipe placed.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted prior to pipe placement.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted prior to pipe placement.	Conformance	11/11/2021 1:31:27 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	4/20/2022 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted prior to pipe and structure placement.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Trench bed has been properly graded and compacted		Trench conditions appeared acceptable.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Trench bed has been properly graded and compacted		Trench bed was properly graded and compacted.	Conformance	2/11/2022 8:42:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Rock encountered in trenching removed to 12" below grade		Excavation appeared acceptable.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		RCP installed appeared to be in acceptable prior to flowable fill placement.	Conformance	3/31/2022 4:37:55 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		No visible damaged was witnessed to pipes or structures prior to backfilling.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Damage or displacement to pipe or structure corrected before backfill		QCAT observed crew placing damaged pipe. Pipe layer noticed damaged pipe, informed the foreman and pipe was removed and replaced.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Was an alternate material approved for Class 1 or 2 structure backfill?		Flash fill was used as an alternate for structure backfill.	Conformance	11/11/2021 3:36:34 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Was an alternate material approved for Class 1 or 2 structure backfill?		Approved Flashfill was used as an alternate.	Conformance	11/11/2021 1:47:09 PM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Was an alternate material approved for Class 1 or 2 structure backfill?		#57 stone was approved for backfill only up to spring line	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed on both sides of the pipe in 6" lifts.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" lifts.	Conformance	4/20/2022 3:42:11 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Backfill material placed simultaneously on both sides of pipe in layers of 6" or less		Backfill material was placed simultaneously on both sides of the pipe in 6" lifts.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was obtained prior to placing successive lifts. Density tests were performed and passed.	Conformance	9/24/2021 12:03:57 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		compaction was achieved prior to successive lift.	Conformance	4/20/2022 3:42:11 PM -06:00	C		Closed
Central 70	C 0704-241	Install Drainage (Permanent)	Drainage		Required compaction obtained prior to placing successive layers		Compaction was obtained prior to placing successive lifts.	Conformance	2/14/2022 10:52:08 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement markings were installed per TCR and MOT plan sheets.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		on TCR-157, the intent is to have a pedestrian route through Clayton at 46th South. From the current setup, the route is not protected	Agreed	5/19/2022 4:26:15 PM -06:00	Audit Comment	#6 – The pedestrian route is open on the east side of the Clayton intersection now. It can't be "protected" with 46th S open but there is a crosswalk present to guide them through the intersection which CCD is good with.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM - 06:00	Ensure that temporary pavement markings meet the requirements of the Method of Handling Traffic, striping plan, and Contract Specifications.		Pavement Markings and striping is observed to conform to the Contract and specs	Conformance	5/2/2022 8:43:32 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check temporary markings for correct placement in a timely manner		All pavement markings were installed before opening to traffic.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check temporary markings for correct placement in a timely manner		Pavement markings were placed correctly.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		MHT #488 and Plan sheets EMT- 1067 and EMT-1068 were properly used to notify the traveling public.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Traffic control devices are used to warn the traveling public of hazards, advise them of the proper path through the work zone, delineate areas where they may not operate, and separate them from construction workers.		Traffic control devices were used properly to warn the travelling public of hazard, advising them of the proper path through the work zone, and to delineate areas where they may not operate, and to separate them from workers.	Conformance	10/21/2021 8:36:53 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		The flashing arrow panels used were in the correct location and were functioning properly, lights were in correct mode, automatically dimmed for night use, and the panel size mounted at the correct height.	Conformance	10/21/2021 8:36:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Ensure that flashing arrow panels are in the correct location and functioning properly. Check flashing arrow panels for: a. properly working lights in the correct mode, b. correct automatic dimming at night, and c. correct panel size mounted at the correct height.		The PCMS boards were in accordance with the following requirement.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		The appropriate devices were used during the weekend closure. MHT #488 and Plan sheets EMT- 1067 and EMT-1068 were used.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/25/2021 7:59:29 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Single right lane closure was not set up as a single right lane closure, it was set up as full lane closure. No advance warning signs set. Also noted that cones were moved to allow asphalt paving crew access	Added to CCD spreadsheet	2/17/2022 3:00:21 PM -07:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/25/2021 8:00:15 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices were not set up per MHT- taper lengths and spacing were not correct, no vertical panels in tapers, missing signage (advance warning, lane shifts).	NCR addressed issues	2/17/2022 2:59:51 PM -07:00	NC-2		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/25/2021 8:00:44 AM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		The full closure of Monroe, Jackson to 46th N. was not on the C70 Daily Closures (LCR) report.	This was added to the CCD spreadsheet	2/17/2022 2:59:19 PM -07:00	NC-2		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)	8/30/2021 2:54:10 PM - 06:00	Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		No detour signs were set for closures on EB Holly On Ramp, WB Quebec Off Ramp, WB Quebec On Ramp.	1410 written	9/8/2021 12:37:12 PM -06:00	NC-2	ENCR 1410 was written to address this issue	Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Channelizing devices conform to requirements of specifications, MUTCD, TCP, MHT, etc.?		Channelizing devices conformed to the requirements of specifications, MUTCD, TCP, and MHT.	Conformance	10/21/2021 8:36:53 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices conformed to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the Project's Traffic Control Plan. Channelizing devices were of the correct dimensions in a clean, serviceable condition, with the proper reflectorized sheeting, with correct placement with proper taper lengths and spacing, with the proper functioning and warning lights that were set in correct mode, and were weighted by acceptable methods.	Conformance	10/21/2021 8:36:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices were installed per TCR and in acceptable condition.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		Channelizing devices were placed per MUTCD.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		The appropriate implementation of the MHT and plan sheets was used. The taper lengths were verified.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Ensure that channelizing devices conform to the requirements of the Contract Specifications, Manual of Uniform Traffic Control Devices, Method of Handling Traffic, and the project's Traffic Control Plan. Pay particular attention to the following: a. correct dimensions in a clean, serviceable condition, b. proper retroreflectorized sheeting or collars, c. correct placement with proper taper lengths and spacing, d. proper and functioning warning lights that are set in the correct mode, and e. weighting by acceptable methods.		The right shoulder closure on EB I-70 west of the Colorado bridge channeling devices conform to the MUTCD requirements	Conformance	7/5/2022 7:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier was properly placed and connected.	Conformance	7/29/2022 8:19:47 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM -06:00	Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete Barrier is observed to Conform to the Contract and Specs. Barrier is observed to be correctly placed.	Conformance	5/2/2022 8:43:32 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier was placed per specifications.	Conformance	7/29/2022 8:19:06 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Concrete barrier was placed properly with correct end treatment.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Check that temporary concrete barriers are correctly placed with proper treatment at end sections. Pay particular attention to the acceptability of connecting pins and the color and retroreflectorization of sheeting.		Barrier was placed per plan with proper end treatments.	Conformance	12/7/2021 4:02:24 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were properly installed.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM - 06:00	Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		According to TCR-157, an Impact attenuator is missing on the north side of 46th south at the columbine intersection.	Barrier and Attenuators have been removed	6/16/2022 11:11:37 AM -06:00	Audit Comment	#4 – The barrier team must have missed this attenuator when getting everything into place during the switch. I can't speak to this much more than that without talking to Jake. I can let him know this needs to be added on.	Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Ensure that impact attenuators are properly located and installed according to the Contract and manufacturer's recommendations including: a. correct weight of proper material placed in each barrel, and b. provisions for preventing filler material from freezing.		Impact attenuators were installed correctly and filled with water.	Conformance	7/29/2022 8:19:47 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Ensure that signs conform to the Contract, including the CDOT M&S Standards and the Manual of Uniform Traffic Control Devices. Pay particularly attention to compliance of the following: a. size, shape, and color; b. retroreflective sheeting; c. appropriate location.		Signs conformed to the contract and MUTCD.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Signs installed properly and in satisfactory condition		The sign were installed in accordance with MHT #488 and plan sheets.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The signs conform to the TCP and MHT.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs were placed per plan.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Signs installed were in accordance with approved MOT sheets.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		The right shoulder closure on EB I-70 west of the Colorado bridge signs followed MHT 104. W21-501B and W21-5a were present and appropriately spaced.	Conformance	7/5/2022 7:34:29 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Stop Signs on 4 way stops need "All Way" signs. Also, additional Street Signs are required on Stop Signs according to TCR-157.	Added.	5/19/2022 4:25:33 PM -06:00	Audit Comment	#5 – We ran out of the small All Way signs and couldn't get them on all the stop signs. They're on order now and we will get them on when the signs come in. I will double check on any other street signs that may be missing.	Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)	5/2/2022 9:33:56 AM - 06:00	Signs conform to Traffic Control Plan (TCP) and approved Method of Handling Traffic (MHT)		Shoulder between Clayton and Fillmore has been barreled off. This was not in any plan.	Agreed.	5/11/2022 4:06:39 PM -06:00	Audit Comment	#1 – Yes the shoulder being barreled off is part of a drawing which I reviewed with Karl and Hunter. Both were good with utilizing this phase. Phase 3-1-2A or drawing WMT-3124B which I have attached.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		The signs were clean, legible, and in good repair.	Conformance	7/5/2022 7:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		Signs were legible.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Check that the signs are clean, legible, and in good repair.		The signs were in accordance with the following requirement.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		The temporary signs were weights and the correct height.	Conformance	8/11/2021 10:17:00 AM -06:00	C		Closed
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		All temp signs were placed correctly.	Conformance	9/14/2021 6:59:03 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Check that temporary signs are properly weighted, mounted, and at the correct height.		Temporary signs appear to conform to the temporary posting requirements.	Conformance	7/5/2022 7:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	MHT Implementation	Maintenance of Traffic (MOT)		Sign legend or portions thereof that conflict with the construction signing or Traffic Control Plan shall be completely covered by the Contractor so that none of the covered sign or legend is visible to traffic.		No conflicting signs were observed.	Conformance	7/5/2022 7:34:29 AM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt millings were loaded and removed for recycling. Asphalt was removed to a neat line at the permanent phase line.	Conformance	4/18/2022 3:19:11 PM -06:00	C		Closed
Central 70	C 0704-241	Pavement/Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Losing operations have been performed in safe, effective manner	Conformance	9/3/2021 11:56:06 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/ Surface Removals	Removal		It shall also include salvaging, stockpiling and loading salvable materials, sandblasting, plugging structures, cleaning culverts, and sawing and cutting to facilitate controlled breaking and removal of concrete and asphalt to a neat line.		Asphalt was completely removed, providing a neat edge for future permanent work.	Conformance	12/7/2021 11:50:05 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Mix design was approved.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix used was approved by IQC.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Approved mix design was used.	Conformance	2/2/2022 7:15:49 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design being placed has been reviewed and approved by IQC.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix used was an approved Class D.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design that was being placed has been reviewed and approved by IQC.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design has been approved	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM - 06:00	The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		IQC reviewed the Batch ticket for SCC Mix. Concrete Direct ID# 9456686 matches CDOT mix # 2020197 according to submittal C70-KIE-CTP-ML-000064	Conformance	3/31/2022 8:14:43 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete mix design was approved by IQC.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		Concrete Mix Design has been reviewed and approved by IQC. Concrete was Class D HRWR	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.		The Concrete mix design for the concrete being placed has been reviewed and approved by IQC.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design being used is not more than 2 years old.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design being used is not more than 2 years old.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design being used is not more than 2 years old.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design being used is not more than 2 years old.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design being used is not more than 2 years old.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Concrete mix design being used is not more than 2 years old.		The Concrete mix design used is not more than 2 years old.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Concrete mix design being used is not more than 2 years old.		The concrete mix design used is not more than two years old.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Concrete mix design being used is not more than 2 years old.		The concrete mix design used is not more than 2 years old.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The use of approved accelerating, retarding or hydration stabilizing admixtures to existing mix designs will be permitted at the discretion of IQC when documentation includes the following: (1) Manufacturer's recommended dosage of the admixture (2) A letter stamped by the Concrete Mix Design Engineer approving the changes to the existing mix design.		Hydration stabilizing admixture was added at the discretion of IQC, per manufacturers recommended dosage, w/ letter from Engineer approving the changes to the existing mix design.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Contractor has collected batch tickets (delivery tickets) each load of concrete & trucks without tickets have been rejected.		The contractor collected batch tickets for each load of concrete. No trucks were without tickets.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Batch ticket supplied had proper information.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Proper information was provided on batch tickets.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The following information shall be provided on each batch ticket: (1) Supplier's name and date. (2) Truck number. (3) Project number and location. (4) Concrete class designation and item number. (5) Cubic yards batched. (6) Time batched. (7) CDOT mix design number. (8) Type, brand, and amount of each admixture. (9) Type, brand, and amount of cement, fly ash, and high-reactivity pozzolan. (10)Weights of fine and coarse aggregates or combined weight when an OG is pre-blended. (11)Moisture of fine and coarse aggregates or combined moisture when an OG is pre-blended. (12)Gallons (Pounds) of batch water (including ice).		Batch ticket with necessary information was supplied.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall add the following information to the batch ticket at the placement site: (13)Gallons of water added by truck operator, the time the water was added, and the quantity of concrete in the truck each time water is added. (14)Number of revolutions of drum at mixing speed (for truck mixed concrete). (15)Discharge time. (16)Location of batch in placement. (17)Water to cementitious material ratio. (18)Weight of polyolefin fiber reinforcement.		Proper information was recorded on concrete tickets.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		For Class H & HT concrete water has not been added after intial mixing.		No water was added to Class H concrete.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete has been placed within the following times after batching: a) 90 minutes when concrete is delivered in truck mixers or agitating trucks a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if: (1) No water is added after 90 minutes. (2) The concrete temperature prior to placement is less than 90 °F a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below: (3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture. b) 60 minutes when delivered in non agitating trucks.		Concrete was placed within acceptable timeframes.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within allowable timeframes.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Trucks were placed in accordance with specifications.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within acceptable timeframes. Water was not added after 90 minutes.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within acceptable timeframes.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		<p>Concrete was placed within 90 minutes after concrete was delivered in truck mixers or agitating trucks. Last delivery truck tested high on air content- 8% + by PC and IQC. PC technician Elvia Martinez rejected concrete truck, but decision was made by Kiewit superintendent to place concrete to avoid construction/ cold joint on Pier Cap being placed. Concrete tested at 8.5% air content at placement.</p>	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		<p>Concrete was placed within allowable time frames.</p>	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		<p>Concrete has been placed within the following times after batching:</p> <p>a) 90 minutes when concrete is delivered in truck mixers or agitating trucks</p> <p>a.i) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 120 minutes if:</p> <p>(1) No water is added after 90 minutes.</p> <p>(2) The concrete temperature prior to placement is less than 90 °F</p> <p>a.ii) Except for Class H and HT concrete, the 90 minute time limit for mixer or agitating trucks may be extended to 180 minutes if 1-2 above & 3 below:</p> <p>(3) The approved concrete mix contains a Type D water reducing and retarding chemical admixture.</p> <p>b) 60 minutes when delivered in non agitating trucks.</p>		Concrete was placed within allowable time frames.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		<p>Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.</p>		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the drum at mixing speed at the job site prior to discharge.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		<p>Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.</p>		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mixed entirely in a stationary mixer and delivered to the job in a truck mixer shall be remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.		Concrete was mixed entirely in a stationary mixer and delivered to the job in a truck mixer was remixed for a minimum of 20 revolutions of the mixing drum at mixing speed at the job site prior to discharge.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Water was added at the delivery site and the concrete was mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions were in addition to the minimum revolutions required for mixing at the delivery site.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Water was added to the first truck, which was mixed for over 20 revolutions at mixing speed.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Water was added at the delivery site- the concrete was mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions were in addition to the minimum revolutions required for mixing at the delivery site.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		When water is added at the delivery site the concrete shall be mixed for at least 20 revolutions of the mixer drum at mixing speed for each addition of water before discharge. These revolutions are in addition to the minimum revolutions required for mixing at the delivery site.		Concrete was properly mixed after water was added.	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		Approved admixture was added to concrete, and after proper application of admixture, concrete air entrainment was within specifications.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		Air content of concrete was within specifications.	Conformance	11/3/2021 1:06:59 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		Approved air admixture was added to first truck poured. The concrete was thoroughly mixed afterwards.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 was added in accordance with subsection 601.17. After the admixture was added, the concrete was re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed

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Central 70	C 0704-241	F/P/S Wall	Walls		When a batch of concrete delivered to the project does not conform to the minimum specified air content, an air entraining admixture conforming to subsection 711.02 may be added in accordance with subsection 601.17. After the admixture is added, the concrete shall be re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.		The first batch (truck) batch of concrete delivered to the project did not conform to the minimum specified air content- an air entraining admixture conforming to subsection 711.02 was added in accordance with subsection 601.17. After the admixture was added, the concrete was re-mixed for a minimum of 20 revolutions of the mixer drum at mixing speed.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		On 4/28 Kiewit planned to pour another section of the radius planter wall on the East Side Community Space. The concrete truck arrived on site before the pre-pour checklist for the wall	Field Resolved	5/2/2022 8:45:02 AM -06:00	Field Resolved		Closed



							<p>was completed. On 4/27 in the POD Matthew Giles talked about that concrete should not be released until the pre-pour checklist is completed. And in the Quality Task Force meeting on 4/28 Kiewit reiterated that concrete should not be released until the pre-pour checklist is completed. On 4/28 when the concrete truck arrived Andy Green asked Stoan Bush if he had completed the pre-pour checklist and he had not yet and went to complete it. The truck waited on site for about an hour while the crew fixed some issues with the forms. The top of wall elevation of the forms had to be adjusted. After IQC had signed the pre-pour checklist and before the pour, I looked at the forms and observed they were not mortar tight. IQC had left the pour and I told Alex Milyard that the gap between the forms looked big. Alex told the crew and the crew added some wood blocks to fill the gaps. IQC was made aware of this issue after the crew had closed up the forms. See attached.</p>					
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	6/21/2022 8:48:36 AM - 06:00	Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		It was observed at 9:00am that formwork in the Pier Diaphragm is not complete. Formwork was not covering all openings and formwork was not completely tacked down. The forms having openings and not being tacked down were made aware to IQC (Chris), Field Engineer (Abdulla) and Super (Mark Howard). Kiewit is planning on finishing the formwork when the crew arrives tonight (6/2/22) to pour the bridge deck, but after the Dry Run.		6/23/2022 2:32:09 PM -06:00	Audit Comment	This item was address before the pour IQC. Chris M with IQC verified the form work was covering any open areas	Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		It was observed that forms were tight and prevented distortion.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were rigid and mortar tight.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were clean and mortar tight.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight .	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		The Doka forms used are mortar tight and are sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and rigid.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	3/4/2022 7:29:18 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were rigid and mortar tight	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid for concrete placement and vibration.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were rigid and mortar tight.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms shall be mortar tight and sufficiently rigid to prevent distortion due to the pressure of the concrete and other loads incidental to the concrete operations, including vibration.		Forms were mortar tight.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position were not used.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not used.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed to prevent shrinking of lumber.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. No ties consisting of twisted wire loops to hold forms in position were used.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were acceptable.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not done.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position were not used.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position will not be permitted.		Forms were constructed and maintained so as to prevent the opening of joints due to shrinkage of the lumber. The use of ties consisting of twisted wire loops to hold forms in position was not permitted.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material observed.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures	6/21/2022 8:48:36 AM - 06:00	The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		It was observed at 9:00am on 6/2/22 that dirt had made its way into the formwork on the overhang during the most recent storm. The dirt was made aware to IQC (Chris), Field Engineer (Abdulla) and Super (Mark Howard). Kiewit is planning on removing the dirt before placement tonight on 6/2/22 but after the Dry Run.		6/23/2022 2:32:15 PM -06:00	Audit Comment	This item was address before the pour by IQC. Chris M with IQC verified the debris was removed.	Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. No dirt, chips, sawdust, water and other foreign material present.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material noted.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		I was observed that trash was in the forms prior to Pouring Abutment Diaphragm. I alerted the foreman and they promptly removed it.	Field Resolved	5/9/2022 7:43:26 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were clean of all dirt, mortar and foreign material, dirt, chips, sawdust, water and other foreign material).	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were clean of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were free of dirt, mortar, and foreign material.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were free of debris.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of formwork was clean of all dirt, mortar and foreign material.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside forms were clean.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Insides of forms were free from all debris.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean prior to concrete placement.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were clean and free of all dirt, mortar and foreign material.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces for the forms are clean and free of any deleterious materials.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and free of debris prior to concrete placement.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces were cleaned prior to placement.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean of all foreign material.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- dirt, chips, sawdust, water and other foreign materials.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean of all dirt and other material.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material, including dirt, chips, sawdust, water and other foreign material.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water and other foreign material present.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material- dirt, chips, sawdust, water and other foreign material.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material- no dirt, chips, sawdust, water or foreign material.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material-no dirt, chips, sawdust, water present.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clean of all debris.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material).	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		The inside surfaces of forms were cleaned of all dirt, mortar, and foreign material.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Inside surfaces of forms were clear of all dirt and debris.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The inside surfaces of forms shall be cleaned of all dirt, mortar and foreign material. (ie. dirt, chips, sawdust, water and other foreign material)		Forms were clean and appeared acceptable.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Wooden forms were wet prior to concrete placement.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with form oil.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with commercial quality form oil prior to use.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to concrete placement.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		All form surfaces are thoroughly coated with form oil.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with form oil prior to use. The form oil was a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were coated with releasing agent prior to concrete placement.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Form removal was acceptable.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were treated with releasing agent prior to concrete placement.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with form oil prior to use. The form oil was a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms oil was used in forms.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms were thoroughly coated with form oil of commercial quality which will permit the ready release and will not discolor the concrete.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms which will later be removed were thoroughly coated with form oil prior to use. The form oil is a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms which will later be removed shall be thoroughly coated with form oil prior to use. The form oil shall be a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete. Forms to which a form liner is to be attached SHALL NOT be treated with oil.		Forms which will later be removed were thoroughly coated with form oil prior to use. The form oil was a commercial quality form oil or other equivalent coating which will permit the ready release of the forms and will not discolor the concrete.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete had been placed, unless otherwise specified on the plans or approved.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with construction was completed and all materials embedded in the concrete were placed.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed and all materials required to be embedded in the concrete was placed.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All forms were constructed prior to pour.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all work needed was completed.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all formwork was completed.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete have been placed.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Form work was completed prior to concrete placement.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete were placed prior to concrete being placed.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all of the form work was completed.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete placement was acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited on the forms until all work connected with constructing the forms and all materials were embedded in place inside formwork.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; and all materials required to be embedded in the concrete were placed.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		All penetration bars for the stem wall were tied prior to pour.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all work was completed within pour.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all work was complete inside of forms.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete had been placed, unless otherwise specified on the plans or approved.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms was completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not deposited in the forms until all work connected with constructing the forms had been completed; all materials required to be embedded in the concrete were placed, unless otherwise specified on the plans or approved.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be deposited in the forms until all work connected with constructing the forms has been completed; all materials required to be embedded in the concrete have been placed, unless otherwise specified on the plans or approved.		Concrete was not placed until all work inside of pour was completed.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered properly.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Plans specified forms for exposed surfaces shall be constructed with triangular fillets 3 inches by 3 inches at all exterior corners.	Conformanc e	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces were constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.	Conformanc e	3/21/2022 7:55:10 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces were constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.		Forms were filleted and chamfered as shown on plans, with triangular fillets 3/4 by 3/4 inches at exterior corners.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.		Chamfer strips were placed per plans.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets 3/4 inch by 3/4 inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections to assure easy removal.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Forms for exposed surfaces were constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.	Conformanc e	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans and specifications.	Conformanc e	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Chamfer strips were placed per plans.	Conformanc e	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans	Conformanc e	12/6/2021 12:39:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were chamfered per plan.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.		Forms were filleted and chamfered as shown on the plans, and were given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces were constructed with triangular fillets ¼ inch by ¼ inch at all exterior corners.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.		Forms shall be filleted and chamfered as shown on the plans, and shall be given a bevel or draft in the case of all projections, such as girders and copings, to assure easy removal. Unless otherwise specified, forms for exposed surfaces shall be constructed with triangular fillets ¾ inch by ¾ inch at all exterior corners.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal ties or anchorages within the forms were so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal tie placement was acceptable.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal ties were acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		Metal ties or anchorages within the forms shall be so constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms.		Metal ties or anchorages within the forms were constructed as to permit their removal to a depth of at least ½ inch from the face without injury to the concrete.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with form oil.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with releasing agent prior to concrete placement.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Forms treated with form oil or an approved release agent compatible with the finish coatings		Forms were treated with approved form oil prior to concrete placement.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to concrete placement.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were acceptable.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		It was observed that Kiewit moistened the forms with water.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were thoroughly moistened.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened prior to pour.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were wet prior to concrete placement.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were moistened prior to pour.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened before placement.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were observed being moistened prior to placement	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were moistened.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Wood forms were thoroughly moistened with water immediately before placing the concrete.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Wood forms shall be thoroughly moistened with water immediately before placing the concrete.		Forms were wet prior to concrete placement.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Unless specified in the plans or specifications, falsework shall remain in place until concrete has attained a minimum compressive strength of 0.80f 'c. (Concrete compressive strength shall be determined by maturity meters)		All falsework remained in place until the concrete attained a minimum compressive strength of 0.80f 'c as determined by maturity meters.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) were placed and adequately secured.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) were placed and adequately secured.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		On 4/18 the Department was observing the pre-pour inspection of the eastern planter on the Columbine extension. The blockout locations had not been fully set and the crew discussed placing some of the blockouts on the ground. The Department spoke with IQC and referenced sheet LDI-004 detail 18 which calls for the sleeves into planters to be 3" above the waterproofing. IQC worked with crew and they were able to move the blockouts to ~3" above the waterproofing. See attached for the final blockout locations.	Field Resolved	4/20/2022 7:30:42 AM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Imbedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) have been placed and adequately secured.		Embedded materials and block outs (e.g. conduits, drains, utility blockouts, anchoring devices) were placed and adequately secured.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		Drainage and weep holes were installed at proper locations and elevations.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Drainage and weep holes at proper locations and elevations		Drainage and weep holes were at proper locations and elevations.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Drainage and weep holes at proper locations and elevations		Weep holes were installed at proper spacing.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were used.	Conformance	10/27/2021 8:46:55 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were used	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were installed in proper location by PC.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was placed in pour.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was placed in concrete.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were placed by PC.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		The contractor supplied and installed maturity meters and all necessary wires and connectors.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meters were provided and used.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		Maturity meter was placed within pour by PC.	Conformance	2/11/2022 8:43:13 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor (IQC) provided maturity meters and all necessary wires and connectors.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was placed within pour.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor (IQC) provided maturity meters and all necessary wires and connectors.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		A maturity meter was provided and placed in pour.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor (IQC) provided maturity meters and all necessary wires and connectors.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor provided maturity meters and all necessary wires and connectors.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall provide maturity meters and all necessary wires and connectors.		The Contractor shall provide maturity meters and all necessary wires and connectors.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength was determined by maturity meters in accordance with CP 69.-</p> <p>Sides of beams, walls or other members that do not resist dead load bending: 500 psi</p>	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		<p>The forms for any portion of the structure shall not be removed until the concrete is strong enough to withstand damage when the forms are removed. Concrete compressive strength shall be determined by maturity meters in accordance with CP 69.</p> <p>Below are the elements with required compressive strengths for form removal.</p> <ul style="list-style-type: none"> -Members which resist dead load bending: 80 percent of the required 28 day compressive strength, 0.80f 'c. -Columns: compressive strength of at least 1,000 psi -Sides of beams, walls or other members that do not resist dead load bending: 500 psi -Cast-in-place concrete box culverts spans not larger than 12feet shall reach compressive strength of 0.6f 'c; -Cast-in-place concrete box culverts spans over 12 feet but not over 20 feet shall reach compressive strength of 0.67f 'c -Cast-in-place concrete box culverts spans larger than 20 feet shall not be removed until after all concrete has been placed in all spans and has attained a compressive strength of at least 0.80f 'c 		Forms were removed after concrete comprehensive strength was achieved.	Conformance	10/27/2021 8:46:55 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Maturity meters were used and compressive strength achieved.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete compressive strength shall be determined by maturity meters in accordance with CP 69. (For structures with multiple maturity meters, the lowest compressive strength shall determine when the forms can be removed.)		Concrete compressive strength was determined by maturity meters in accordance with CP 69. This structure only had one maturity meters.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters were used.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Maturity meters were used.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Acceptance cylinders shall not be used for determining compressive strength to remove forms.		Acceptance cylinders not used for determining compressive strength to remove forms.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Field operations were controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing began when the concrete was found to have the required compressive strength.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing began when the concrete was found to have the required compressive strength.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were used.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		Maturity meters were used and thermal blankets removed after acceptable strength was achieved.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.		When field operations are controlled by maturity meters, the removal of forms, supports and housing and the discontinuance of heating and curing began when the concrete was found to have the required compressive strength.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Metal ties or anchorages removal to a depth of at least ½ inch from the face without injury to the concrete. When wire ties are used the wires shall be cut back at least ¼ inch from the face of the concrete upon removal of the forms. The cavities shall be filled with cement mortar and the surface left sound, smooth, even and uniform in color.		Metal tie removal was acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Forming materials shall be removed when permanent access is available to portions of structures.		Forms removal was acceptable.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Forms for drainage inlets may be constructed of any suitable material that will produce a structure with the inside dimensions and at least the wall thicknesses shown on the plans. Undulations of finished interior wall surfaces shall not exceed 0.5 inch.		Forms for drainage inlets were constructed of any suitable material (wood) that produced a structure with the inside dimensions and at least the wall thicknesses shown on the plans. Undulations of finished interior wall surfaces did not exceed 0.5 inch.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Construction joints are at approved locations on the plans or placing schedule.		Construction joint was placed per plan.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		When concrete is to be placed on or adjacent to hardened concrete surfaces, the surface shall be saturated surface dry.		Concrete at joint was brought to a SSD condition prior to pour.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	2/14/2022 10:51:31 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be placed on frozen ground.		Concrete was not placed on frozen ground.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be placed on frozen ground.		Ground and bar were heated to proper temperature prior to pour.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		All snow and ice was removed prior to pour.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		All frost was removed prior to placement.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Concrete was not placed on frozen material or frost.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Before concrete placement, all ice, snow, and frost shall be completely removed from within formwork.		Before concrete placement, all ice, snow, and frost was completely removed from within formwork.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Salt shall not be used to thaw ice, snow, or frost.		Salt was not used to thaw ice, snow, or frost.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in accordance with the approved placing sequence		Concrete placement sequence was approved.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in accordance with the approved placing sequence		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with the approved placing sequence	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with the approved placing sequence.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in accordance with the approved placing sequence		Concrete was placed in accordance with the approved placing sequence.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, and was confined by closed chutes or pipes.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, concrete placed using pump truck.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, but was confined by closed chutes or pipes.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	6/27/2022 8:30:12 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, used pump truck with tremie hose.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet for a pump truck was used.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet for a pump truck was used.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, used pump truck with tremie.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, used pump truck with tremie.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than five feet for a pump truck was used.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Pump truck was used and concrete was not dropped more than 5 feet.	Conformance	12/3/2021 2:44:55 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet. Pump truck was used.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete placement was acceptable and pump truck was used.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet, unless confined by closed chutes or pipes.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 ft., used concrete truck chute, 2 to 3 ft. drop.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall not be dropped more than 5 feet, unless confined by closed chutes or pipes.		Concrete was not dropped more than 5 feet.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed near final location.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Rail	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed as near to final position as possible.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	11/3/2021 1:06:59 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was pumped close to final position.	Conformance	12/3/2021 2:44:55 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as close to final position as possible.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Each part of the formwork was filled by depositing the concrete as near final position as possible.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete placement was acceptable.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in acceptable location as close to final position as possible.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed in as near to final position as possible.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was deposited as near to final position as possible.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Care shall be taken to fill each part of the form by depositing the concrete as near final position as possible.		Care was taken to fill each part of the form by depositing the concrete as near final position as possible.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that were fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pumping concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that were fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		No aluminum tools or troughs were used.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pumping equipment was acceptable.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete, steel tremie was used.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pump lines were acceptable.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, spouts that are fabricated of aluminum materials for pumping and placing concrete.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		Pump truck was used.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The Contractor shall not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete.		The Contractor did not use pipes, fittings, chutes, troughs, spouts, or tremies that are fabricated of aluminum materials for pumping, conveying, or placing concrete	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes were free of hardened concrete.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Chutes were acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Chutes were clean and acceptable.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Chutes were kept clean.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pump truck was used and lines were acceptable.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chute lines appeared to be clean and no pumping issues were observed.	Conformance	12/3/2021 2:44:55 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes were free of hardened concrete.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All equipment was kept clean and free of hardened concrete.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pumping equipment was clean.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pump truck equipment appeared to be clean and acceptable.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Structures	Signing & Striping		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Pumping concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	6/27/2022 8:30:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All chutes, troughs and pipes shall be kept clean and free from coatings of hardened concrete.		All chutes, troughs and pipes were kept clean and free from coatings of hardened concrete.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which had not taken initial set.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which had not taken initial set.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which had not taken initial set.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was observed being placed in lifts.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick, and each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which had not taken initial set.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable layers.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches. each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick. Each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated to avoid the formation of a construction joint with a preceding layer which had not taken initial set.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable lifts.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable lifts.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Horizontal lifts of less than 18" were placed and consolidated.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		18" lifts were placed and consolidated.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick, each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers less than 18 inches, each layer was consolidated to avoid construction joints.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable lifts.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in acceptable lifts.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick, each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in appropriate lifts.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in appropriate lifts.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Concrete shall be placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer shall be so consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.		Concrete was placed in horizontal layers not more than 18 inches thick except as hereinafter provided. Each layer was consolidated as to avoid the formation of a construction joint with a preceding layer which has not taken initial set.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Concrete was worked with appropriate tools.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Concrete surface was worked properly.	Conformance	11/3/2021 1:06:59 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		All surfaces were thoroughly worked.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surface of concrete was thoroughly worked with approved tools.	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Surfaces were worked with approved tools.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Contractor finished with screed and hand floats.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		External surface of concrete was worked to an acceptable finish.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The external surface of all concrete shall be thoroughly worked during the placing by means of tools of an approved type. The working shall be such as to force all coarse aggregate from the surface and to bring mortar against the forms to produce a smooth finish substantially free from water and air pockets, or honeycomb.		Finishing equipment appeared acceptable.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibration equipment was acceptable.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibration equipment was used and appeared acceptable.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with mechanical vibrator operating within the concrete.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with a suitable mechanical vibrator operating within the concrete. Hand spading was not needed or performed.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Vibrating was not supplemented by hand spading with suitable tools to assure proper and adequate consolidation, not needed.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated with vibrators.	Conformance	5/24/2022 10:00:42 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Vibrators were used to consolidate concrete.	Conformance	5/24/2022 9:58:29 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Hand spading was not used or needed.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated properly.	Conformance	3/14/2022 8:57:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete consolidation appeared acceptable.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was vibrated properly.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Acceptable vibration equipment was used.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was properly consolidated.	Conformance	11/10/2021 7:29:46 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Cap	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was consolidated properly.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was vibrated properly.	Conformance	11/3/2021 1:08:51 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Consolidation was acceptable.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Rail	Structures		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		Concrete was adequately consolidated.	Conformance	10/29/2021 9:49:12 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. It was not required to supplement vibrating by hand spading.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Hand spading was not required.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Hand spading was not required.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. It was not required to supplement vibrating by hand spading.	Conformance	6/27/2022 8:30:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with a suitable mechanical vibrator operating within the concrete. Not required/ needed to supplement by hand spading with suitable tools to assure proper and adequate consolidation.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Not needed to be supplemented by hand spading.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Hand spading with suitable tools to assure proper and adequate consolidation was not needed.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Vibrating was not required to be supplemented by hand spading.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. It was not required/ needed to supplement by hand spading.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. No hand spading was performed.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The concrete shall be consolidated with suitable mechanical vibrators operating within the concrete. When required, vibrating shall be supplemented by hand spading with suitable tools to assure proper and adequate consolidation.		The concrete was consolidated with suitable mechanical vibrators operating within the concrete. Not required to perform hand spading with suitable tools to assure proper and adequate consolidation.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		It was observed that vibrators were not used to move concrete.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibration equipment was not used to move concrete.	Conformance	10/15/2021 1:53:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were used properly.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibration equipment was not used to move concrete into position for a pump truck was used.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used to move concrete.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position in lieu of placing.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibrators were not used as a means to cause concrete to flow or run into position.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibration was not used to move concrete for a pump truck was used.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Vibrators shall not be used as a means to cause concrete to flow or run into position in lieu of placing.		Vibration was not used to move concrete.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water was not added to aid in finishing.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		IQC was notified that contractor was applying water to deck to aid in finishing.IQC notified the contractor that this was not acceptable and the contractor complied.	Field Resolved	1/13/2022 10:44:21 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water was not used as a finishing aid.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		It was observed by IQC and myself that water was used to aid in finishing. IQC notified contractor that this was unacceptable and contractor complied.	Field Resolved	12/13/2021 8:34:30 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		No finishing water was used on the surface of the concrete.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing aids were not added to the surface of the concrete to assist in finishing operations.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations.		Water or finishing were not added to the surface of the concrete to assist in finishing operations.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature is between 50 and 90 degrees F.	Conformance	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete mix temperature is between 50 and 90 degrees F		First truck on-site failed air content. Air packs were added (x2), 3rd test air was passing, but slump failed. Truck was rejected by Kiewit PC Tyler Lachapell. No other issues for concrete placement.	Field Resolved	11/15/2021 2:08:11 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete temperatures were monitored by IQC and were acceptable.	Conformance	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix was between 50 and 90 degrees F.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Concrete mix temperature is between 50 and 90 degrees F		Concrete mix temperature was between 50 and 90 degrees F	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in acceptable manner.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to avoid segregation and displacement of reinforcement.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which to avoids segregation and displacement of reinforcement.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner that avoided segregation and displacement of reinforcement.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which to avoids segregation and displacement of reinforcement.	Conformanc e	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to avoid segregation and displacement of reinforcement.	Conformanc e	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete placement appeared acceptable.	Conformanc e	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete placement was acceptable and pump truck was used.	Conformanc e	10/27/2021 7:31:17 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner that avoided segregation and displacement of reinforcement.	Conformanc e	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete placement was acceptable.	Conformanc e	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoids segregation and displacement of reinforcement.	Conformanc e	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	4/25/2022 12:52:27 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner that avoided segregation and displacement of reinforcement.	Conformanc e	4/11/2022 3:44:55 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to avoids segregation and displacement of reinforcement.	Conformanc e	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to avoid segregation and displacement of reinforcement.	Conformanc e	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner to avoid segregation and displacement of reinforcement.	Conformanc e	5/10/2022 4:53:29 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete placed in a maner which to avoids segregation and displacement of reinforcement.		Concrete was placed in a manner which avoided segregation and displacement of reinforcement.	Conformanc e	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All surfaces have been finished properly		All surfaces were finished properly.	Conformanc e	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		All surfaces have been finished properly		All surfaces were properly finished.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		All surfaces have been finished properly		All surfaces have been finished properly.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All surfaces have been finished properly		All surfaces were finished properly.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		All surfaces have been finished properly		All surfaces were finished properly, light broom finish applied.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		All surfaces have been finished properly		Contractor used magnesium floats to finish.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to pour.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Contractor primed and wasted priming material prior to pour.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete were pumped and discarded to prime the pump.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to pour.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to placement.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete were pumped and discarded to prime the pump.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete were pumped and discarded to prime the pump.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to pour.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		pumping concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to placement.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed and primed concrete was properly wasted.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to placement.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		Pump was primed prior to concrete placement.	Conformance	8/20/2021 12:13:46 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete were pumped and discarded to prime the pump.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	6/14/2022 4:22:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	6/13/2022 2:42:09 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The pump shall be primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete shall be pumped and discarded to prime the pump.		The pump was primed at the Contractor's expense by pumping and discarding enough concrete to produce a uniform mix exiting the pump. At least 0.25 cubic yard of concrete was pumped and discarded to prime the pump.	Conformance	6/27/2022 8:30:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not observed being added into the hopper.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		No water was added directly into the concrete pump hopper after placement has commenced.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added to hopper after placement had commenced.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Water shall not be added directly into the concrete pump hopper after placement has commenced.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	2/24/2022 7:44:30 AM -07:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement had commenced.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement had commenced.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement started.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not be added directly into the concrete pump hopper after placement has commenced.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added directly into the concrete pump hopper after placement has commenced.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water shall not be added directly into the concrete pump hopper after placement has commenced.		Water was not added to the hopper.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete placement was acceptable.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	3/7/2022 8:47:12 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	2/28/2022 7:25:56 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	2/11/2022 8:43:14 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The concrete pump was operated so that a continuous stream of concrete was produced.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete is produced.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	4/4/2022 7:47:13 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		Pumping was observed at a continuous stream of concrete	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	The pump shall be operated so that a continuous stream of concrete is produced.		Pumping Concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated to produce a continuous stream of concrete.	Conformance	11/5/2021 4:45:24 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated so that a continuous stream of concrete was produced.	Conformance	11/3/2021 1:07:00 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete is produced.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete placement was acceptable and a continuous stream was produced.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced.	Conformance	2/2/2022 7:15:50 AM -07:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from end of pump.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced from pump.	Conformance	12/15/2021 7:30:26 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		A continuous stream of concrete was produced.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete placement was acceptable.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		Pump was operated so that a continuous stream of concrete was produced.	Conformance	8/20/2021 12:13:47 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete is produced.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	6/13/2022 2:41:08 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete is produced.	Conformance	6/13/2022 2:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		The pump shall be operated so that a continuous stream of concrete is produced.		Concrete Pump was observed pumping at a continuous stream.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete is produced.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The pump shall be operated so that a continuous stream of concrete is produced.		The pump was operated so that a continuous stream of concrete was produced.	Conformance	6/27/2022 8:30:13 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		It was observed that no lines were resting on Epoxy Steel.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	4/25/2022 12:52:27 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines were not used. A trunk line was used.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Rubber trunk line was used and no metal line rested on epoxy coated steel.	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Pumping operation was acceptable and rubber trunk line was used.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Pumping concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	3/4/2022 7:29:19 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Metal pump lines or couplings did not rest directly on epoxy coated reinforcing steel.	Conformance	4/7/2022 12:26:58 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Rubber trunk lines were used and no metal rested on epoxy coated rebar.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Metal pump lines or couplings shall not rest directly on epoxy coated reinforcing steel.		Rubber trunk line was used.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Pump truck was positioned as close as possible.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		The point of discharge was as close as possible.	Conformance	1/19/2022 8:55:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Pump truck was located as close as possible to point of discharge.	Conformance	2/2/2022 11:25:26 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		End of pump was kept as near to deck as possible.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Pumping concrete was within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Point of discharge was acceptable	Conformance	12/13/2021 8:34:30 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		Concrete discharge point was acceptable.	Conformance	12/3/2021 2:44:56 PM -07:00	C		Closed
Central 70	C 0704-241	Diaphragms	Structures		The point of discharge of the pump shall be as close to the bridge deck elevation as possible.		It was observed that the point of discharge was close as possible.	Conformance	5/9/2022 7:43:26 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bars conformed to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars were threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars were threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading is a continuous spiral deformed ribbing provided by the bar deformations.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bars conformed to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars were threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars were threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading was continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars).	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bars conformed to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars were threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars were threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading was continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars).	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bars conformed to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars were threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars were threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading was a continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Grout Columns	Walls		Solid Bar Soil Nail. Bars shall conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars shall be threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars shall be threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading may be continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars) or may be cut into a reinforcing bar. If threads are cut into a reinforcing bar, the next-larger bar number designation from that shown on the plans shall be provided at no additional cost.		Bars conform to AASHTO M31 for Grade 75 or ASTM A 722 for Grade 150. Bars were threaded, continuous without splices or welds, new, straight, undamaged, epoxy-coated or encapsulated as shown on the plans. Bars were threaded a minimum of 6 inches on the wall anchorage end to allow proper attachment of the bearing plate and nut. Threading was continuous spiral deformed ribbing provided by the bar deformations (continuous threaded bars).	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Fusion Bonded Epoxy Coating. Epoxy coating for bars and end hardware shall conform to ASTM A775 or A934. The minimum thickness shall be 0.012 inch and shall be electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Galvanization may be substituted for epoxy. Bars should be galvanized according to ASTM A767/A767M. A minimum galvanization coating of 3.4-mil thickness is required. Galvanization shall be applied in accordance with ASTM A153 for nuts, plates, and other hardware.		Epoxy coating for bars and end hardware conforms to ASTM A775 or A934. The minimum thickness was 0.012 inch and was electrostatically applied by manufacturer.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Fusion Bonded Epoxy Coating. Epoxy coating for bars and end hardware shall conform to ASTM A775 or A934. The minimum thickness shall be 0.012 inch and shall be electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Galvanization may be substituted for epoxy. Bars should be galvanized according to ASTM A767/A767M. A minimum galvanization coating of 3.4-mil thickness is required. Galvanization shall be applied in accordance with ASTM A153 for nuts, plates, and other hardware.		Epoxy coating for bars and end hardware conformed to ASTM A775 or A934. The minimum thickness was 0.012 inch and shall be electrostatically applied. Bend test requirements are waived.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Fusion Bonded Epoxy Coating. Epoxy coating for bars and end hardware shall conform to ASTM A775 or A934. The minimum thickness shall be 0.012 inch and shall be electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Galvanization may be substituted for epoxy. Bars should be galvanized according to ASTM A767/A767M. A minimum galvanization coating of 3.4-mil thickness is required. Galvanization shall be applied in accordance with ASTM A153 for nuts, plates, and other hardware.		Epoxy coating for bars and end hardware conforms to ASTM A775 or A934. The minimum thickness was 0.012 inch and was electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Galvanization was not substituted for epoxy.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Fusion Bonded Epoxy Coating. Epoxy coating for bars and end hardware shall conform to ASTM A775 or A934. The minimum thickness shall be 0.012 inch and shall be electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Galvanization may be substituted for epoxy. Bars should be galvanized according to ASTM A767/A767M. A minimum galvanization coating of 3.4-mil thickness is required. Galvanization shall be applied in accordance with ASTM A153 for nuts, plates, and other hardware.		Epoxy coating for bars and end hardware conformed to ASTM A775 or A934. The minimum thickness is 0.012 inch and is electrostatically applied. Bend test requirements are waived. Coating at the wall anchorage end of epoxy-coated bars may be omitted over the length provided for threading a coupler if the bars are to be joined. Bars were not galvanized.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation was a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252. The level of corrosion protection was as shown on the plans.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation was a sheathing of corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection was as shown on the plans.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation was a sheathing of corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252. The level of corrosion protection was as shown on the plans.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation was a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection was as shown on the plans.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Encapsulation. Encapsulation shall be a sheathing of either corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252 or corrugated PVC tube with a minimum 0.04-inch thickness conforming to ASTM D1784, Class 13464-B. The level of corrosion protection shall be as shown on the plans.		Encapsulation was a sheathing of corrugated HDPE tube with a minimum 0.06-inch thickness conforming to AASHTO M252. The level of corrosion protection was as shown on the plans.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Centralizers were manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood was not used.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Centralizers were manufactured from Schedule 40 PVC pipe or tube.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Centralizers were manufactured from Schedule 40 PVC pipe or tube. Wood was not used.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Centralizers were manufactured from Schedule 40 PVC pipe.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizer. Centralizers shall be manufactured from Schedule 40 PVC pipe or tube, or other materials not detrimental to soil nail steel or corrosion protection. Wood shall not be used. Centralizers shall be:		Centralizers were manufactured from Schedule 40 PVC pipe or tube. Wood was not used.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to the soil nail bar.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to the soil nail bar.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to the soil nail bar.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to the soil nail bar.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Centralizers securely attached to the soil nail bar.		Centralizers were securely attached to the soil nail bar.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers were sized to position the soil nail bar within 1 inch of the center of the drill hole.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers were securely attached to the soil nail bar.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers were sized to position the soil nail bar within 1 inch of the center of the drill hole.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to position the soil nail bar within 1 inch of the center of the drill hole.		Centralizers were sized to position the soil nail bar within 1 inch of the center of the drill hole.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Centralizers were sized to allow grout tube along the full length of the drill hole.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Centralizers were sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Centralizers were sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.		Centralizers sized to allow tremie pipe, grout tube, or casing insertion along the full length of the drill hole.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Centralizers were sized to allow grout to freely flow up the drill hole.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Centralizers were sized to allow grout to freely flow up the drill hole.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Centralizers were sized to allow grout to freely flow up the drill hole.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Centralizers were sized to allow grout to freely flow up the drill hole.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Centralizers sized to allow grout to freely flow up the drill hole.		Centralizers were sized to allow grout to freely flow up the drill hole.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		If grout is mixed on site, all materials shall be weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength. Neat cement grout cubes shall be molded and tested on the grout used in production soil nails and the adjacent test soil nail.		Grout was mixed on site, all materials were weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		If grout is mixed on site, all materials shall be weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength. Neat cement grout cubes shall be molded and tested on the grout used in production soil nails and the adjacent test soil nail.		Grout was mixed on site, and all materials were weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength. Neat cement grout cubes were molded and tested on the grout used in production soil nails and the adjacent test soil nail.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		If grout is mixed on site, all materials shall be weighed and recorded prior to mixing or incorporation into the mixer. The water/cementitious ratio and specific gravity may be used as a primary quality control of the neat cement grout mix if the Contractor can demonstrate the materials and mix design consistently produce a grout of the minimum specified strength. Neat cement grout cubes shall be molded and tested on the grout used in production soil nails and the adjacent test soil nail.		The grout was mixed on site, all materials were weighed and recorded prior to mixing or incorporation into the mixer. Grout cylinders were molded by IQC.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drill Grout Columns	Walls		Cementitious Materials. Cementitious materials shall conform to Section 701. The cement used for shotcrete and grout shall meet the sulfate resistance requirements of subsection 601.04.		Cementitious materials conform to Section 701. The cement used for shotcrete and grout meets the sulfate resistance requirements of subsection 601.04.	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Cementitious Materials. Cementitious materials shall conform to Section 701. The cement used for shotcrete and grout shall meet the sulfate resistance requirements of subsection 601.04.		Cementitious materials shall conform to Section 701. The cement used for shotcrete and grout shall meet the sulfate resistance requirements of subsection 601.04.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Cementitious Materials. Cementitious materials shall conform to Section 701. The cement used for shotcrete and grout shall meet the sulfate resistance requirements of subsection 601.04.		Cementitious materials conformed to Section 701. The cement used for shotcrete and grout meets the sulfate resistance requirements of subsection 601.04.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Drill Grout Columns	Walls		Film Protection. Polyethylene film for moisture loss control shall conform to AASHTO M171.		Polyethylene film for moisture loss control shall conform to AASHTO M171 and heaters were set for freeze protection	Conformance	1/26/2022 8:42:12 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.		Soil nail bars were stored and handled in such a manner to avoid damage, excessive bending, permanent deformation, or corrosion.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Bars exhibiting abrasions, cuts, welds, weld splatter, corrosion, or pitting shall be replaced.		Bars did not exhibit abrasions, cuts, welds, weld splatter, corrosion, or pitting.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Bars exhibiting damage to encapsulation or epoxy coating shall be repaired or replaced. Repaired epoxy coating areas shall have a minimum of 0.012-inch coating.		Bars did not exhibit damage to encapsulation or epoxy coating.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		During construction of the soil nail wall, excavation not associated with the soil nail wall construction shall not be performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.		During construction of the soil nail wall, excavation not associated with the soil nail wall construction was not performed within a horizontal distance equal to the total height of the final soil nail wall face excavation.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Excavation of the next-lower lift shall not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing have been completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete shall have achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.		Excavation of the next-lower lift did not proceed until soil nail installation, initial shotcrete face placement, attachment of bearing plates and nuts, and soil nail testing were completed and accepted per subsection 504.17 in the current lift. Soil nail grout and shotcrete achieved a compressive strength of at least 1000 psi before excavation of the next underlying lift.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nail length and drill hole diameter used was necessary to develop the specified load capacity to satisfy the acceptance criteria, and not less than the lengths or diameters shown on the plans.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nail length and drill hole diameter used was necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nail length and drill hole diameter used were those necessary to develop the specified load capacity to satisfy the acceptance criteria, and not less than the lengths or diameters shown on the plans.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Soil nail length and drill hole diameter used shall be those necessary to develop the specified load capacity to satisfy the acceptance criteria, but not less than the lengths or diameters shown on the plans.		Soil nail length and drill hole diameter used were those necessary to develop the specified load capacity to satisfy the acceptance criteria, and not less than the lengths or diameters shown on the plans.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths as shown on the plans.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths as shown on the plans.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Holes shall be drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.		Holes were drilled for the soil nails at the locations, elevations, orientations, and minimum lengths shown on the plans.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilling equipment and methods were suitable for the ground conditions and conformed to the installation methods submitted by the soil nailing Contractor.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilling equipment and methods were suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilling equipment and methods were suitable for the ground conditions and conformed to the installation methods submitted by the soil nailing Contractor.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilling equipment and methods were suitable for the ground conditions and conformed to the installation methods submitted by the Contractor.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling equipment and methods shall be suitable for the ground conditions and conform to the installation methods submitted by the soil nailing Contractor.		Drilling equipment and methods were suitable for the ground conditions and conformed to the installation methods submitted by the soil nailing Contractor.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Drilling muds or other fluids shall not be used to removed cuttings.		Drilling muds or other fluids were not used to remove cuttings.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		If caving ground is encountered, cased drilling methods shall be used to support the sides of the drill holes.		No caving ground/sloughing was encountered.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		If caving ground is encountered, cased drilling methods shall be used to support the sides of the drill holes.		No caving ground was encountered.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Self-drilling soil nail bars (also known as hollow, self-grouting or pressure grouted soil nail bars) shall not be used unless indicated on the plans.		No self drilling soil nail bars were used.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Self-drilling soil nail bars (also known as hollow, self-grouting or pressure grouted soil nail bars) shall not be used unless indicated on the plans.		Self-drilling soil nail bars (also known as hollow, self-grouting or pressure grouted soil nail bars) were not used.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be as shown on the plans.		Soil nail bars were as shown on the plans.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail bars shall be as shown on the plans.		Soil nail bars were as shown on plans.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Provide centralizers per Section 504.03 (e).		Centralizers were used per Section 504.03(e).	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Provide centralizers per Section 504.03 (e).		Centralizers were provided per Section 504.03(e).	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill holes were grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill hole was grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill hole was grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill hole was grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill hole was grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be grouted after installation of the soil nail bar and within 2 hours of completion of drilling.		The drill hole was grouted after installation of the soil nail bar and within 2 hours of completion of drilling.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through a grout tube.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through a grout tube.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through casing.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through a grout tube.	Conformance	5/19/2022 8:40:32 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through a grout tube.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The grout shall be injected at the lowest point of each drill hole through a tremie pipe, grout tube, or casing.		The grout was injected at the lowest point of each drill hole through a grout tube.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The outlet end of the grout tube or casing shall be kept below the surface of the grout as the conduit is withdrawn to prevent the creation of voids.		The outlet end of the grout tube or casing was kept below the surface of the grout as the conduit is withdrawn to prevent the creation of voids.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The outlet end of the grout tube or casing shall be kept below the surface of the grout as the conduit is withdrawn to prevent the creation of voids.		The outlet end of the grout tube or casing was kept below the surface of the grout as the conduit is withdrawn to prevent the creation of voids.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		The drill hole was completely filled in one continuous operation. No cold joints observed, except at the top of the test bond length of proof tested production soil nails.	Conformance	2/18/2022 7:34:25 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		The drill hole was completely filled in one continuous operation, no cold joints in the grout column.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		The drill hole was completely filled in one continuous operation. Cold joints in the grout column were not allowed.	Conformance	5/5/2022 4:02:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		The drill hole was completely filled in one continuous operation. Cold joints in the grout column were not allowed except at the top of the test bond length of proof tested production soil nails.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The drill hole shall be completely filled in one continuous operation. Cold joints in the grout column are not allowed except at the top of the test bond length of proof tested production soil nails.		The drill hole was completely filled in one continuous operation. Cold joints in the grout column were not allowed.	Conformance	4/9/2022 11:04:47 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Excessive grout take is defined as twice the theoretical grout volume to grout the drill hole. The Engineer shall be notified of excessive grout take to allow for modification of the wall design and construction. The Contractor shall maintain the stability of borings through the temporary unbonded length of proof test soil nails for subsequent grouting. If the unbonded test length of production proof test soil nails cannot be satisfactorily grouted subsequent to testing, the Contractor shall install a new soil nail in its place.		No excessive grout take was noted.	Conformance	11/17/2021 12:57:04 PM -07:00	C		Closed

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Central 70	C 0704-241	Shotcrete	Walls		<p>Proof Testing of Production Soil Nails. Successful proof testing shall be performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row. Verification tests shall not be included in the 5 percent; except that the Engineer may allow the verification tests to be included based on the plans and site conditions. The Engineer will determine the locations and number of proof tests prior to soil nail installation in each row unless otherwise shown on the plans. Production proof test soil nails shall have both bonded and temporary unbonded lengths. Fully grouted test soil nails shall not be proof tested. The Contractor shall maintain the stability of the hole for the temporary unbonded test length for subsequent grouting. If the unbonded test length of production proof test soil nails cannot be satisfactorily grouted subsequent to testing, the proof test soil nail shall become sacrificial and shall be replaced with an additional production soil nail installed at the Contractor's expense. The temporary unbonded length of the test soil nail shall be at least 3 feet as measured from the back of the bearing plate to the top of the grout.</p>		<p>Successful proof testing was performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row.</p>	<p>Conformance</p>	<p>12/10/2021 7:45:51 AM -07:00</p>	<p>C</p>		<p>Closed</p>
Central 70	C 0704-241	Shotcrete	Walls		<p>Proof Testing of Production Soil Nails. Successful proof testing shall be performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row. Verification tests shall not be included in the 5 percent; except that the Engineer may allow the verification tests to be included based on the plans and site conditions. The Engineer will determine the locations and number of proof tests prior to soil nail installation in each row unless otherwise shown on the plans. Production proof test soil nails shall have both bonded and temporary unbonded lengths. Fully grouted test soil nails shall not be proof tested. The Contractor shall maintain the stability of the hole for the temporary unbonded test length for subsequent grouting. If the unbonded test length of</p>		<p>Successful proof testing was performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row. Verification tests were not included in the 5 percent. The Engineer determined the locations and number of proof tests prior to soil nail installation in each row unless otherwise shown on the plans. Production proof test</p>	<p>Conformance</p>	<p>4/22/2022 12:54:35 PM -06:00</p>	<p>C</p>		<p>Closed</p>

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Proof Testing of Production Soil Nails. Successful proof testing shall be performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row. Verification tests shall not be included in the 5 percent; except that the Engineer may allow the verification tests to be included based on the plans and site conditions. The Engineer will determine the locations and number of proof tests prior to soil nail installation in each row unless otherwise shown on the plans. Production proof test soil nails shall have both bonded and temporary unbonded lengths. Fully grouted test soil nails shall not be proof tested. The Contractor shall maintain the stability of the hole for the temporary unbonded test length for subsequent grouting. If the unbonded test length of production proof test soil nails cannot be satisfactorily grouted subsequent to testing, the proof test soil nail shall become sacrificial and shall be replaced with an additional production soil nail installed at the Contractor's expense. The temporary unbonded length of the test soil nail shall be at least 3 feet as measured from the back of the bearing plate to the top of the grout.</p>		<p>Successful proof testing was performed on 5 percent of the production soil nails in each soil nail row or a minimum of 1 per row. Verification tests were not included in the 5 percent. The Engineer determined the locations and number of proof tests prior to soil nail installation in each row unless otherwise shown on the plans. Production proof test soil nails had both bonded and temporary unbonded lengths. Fully grouted test soil nails were not proof tested. The Contractor maintained the stability of the hole for the temporary unbonded test length for subsequent grouting. If the unbonded test length of the production proof test was grouted satisfactorily. The temporary unbonded length of the test soil nail was at least 3 feet as measured from the back of the bearing plate to the top of the grout.</p>	Conformance	5/9/2022 7:44:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Proof tests shall be conducted according to the loading schedule of Table 504-2. Unless the soil is susceptible to creep per subsection 504.15, each load increment shall be held until readings are stable as defined by three readings within 0.005 inches taken one per minute over three minutes. The Contractor shall record soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests shall be performed at 1.00 PTL. The alignment load (AL) shall be the minimum load required to align the testing apparatus and shall not exceed 5 percent of the PTL. Set dial gauges to "zero" after applying the alignment load. Following application of the maximum load, reduce the load to the alignment load and record the permanent set.</p>		<p>Proof tests were conducted according to the loading schedule of Table 504-2. The Contractor recorded soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests were performed at 1.00 PTL. The alignment load (AL) was the minimum load required to align the testing apparatus and did not exceed 5 percent of the PTL. Dial gauges were set to "zero" after applying the alignment load. Following application of the maximum load, the alignment load was reduced and recorded the permanent set.</p>	Conformance	5/9/2022 7:44:19 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Proof tests shall be conducted according to the loading schedule of Table 504-2. Unless the soil is susceptible to creep per subsection 504.15, each load increment shall be held until readings are stable as defined by three readings within 0.005 inches taken one per minute over three minutes. The Contractor shall record soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests shall be performed at 1.00 PTL. The alignment load (AL) shall be the minimum load required to align the testing apparatus and shall not exceed 5 percent of the PTL. Set dial gauges to "zero" after applying the alignment load. Following application of the maximum load, reduce the load to the alignment load and record the permanent set.</p>		<p>Proof tests were conducted according to the loading schedule of Table 504-2. The soil is not susceptible to creep per subsection 504.15. The Contractor recorded soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests were performed at 1.00 PTL. The alignment load (AL) shall be the minimum load required to align the testing apparatus and shall not exceed 5 percent of the PTL. Set dial gauges to "zero" after applying the alignment load. Following application of the maximum load, reduce the load to the alignment load and record the permanent set.</p>	Conformance	4/22/2022 12:54:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Proof tests shall be conducted according to the loading schedule of Table 504-2. Unless the soil is susceptible to creep per subsection 504.15, each load increment shall be held until readings are stable as defined by three readings within 0.005 inches taken one per minute over three minutes. The Contractor shall record soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests shall be performed at 1.00 PTL. The alignment load (AL) shall be the minimum load required to align the testing apparatus and shall not exceed 5 percent of the PTL. Set dial gauges to "zero" after applying the alignment load. Following application of the maximum load, reduce the load to the alignment load and record the permanent set.</p>		<p>Proof tests were conducted according to the loading schedule of Table 504-2. the load increment was held until readings are stable as defined by three readings within 0.005 inches taken one per minute over three minutes. The Contractor (IQC) recorded soil nail movements at each load increment and time intervals shown in the table for each load step. Creep tests were performed at 1.00 PTL. The alignment load (AL) shall be the minimum load required to align the testing apparatus and did not exceed 5 percent of the PTL. Dial gauges set to "zero" after applying the alignment load. Following application of the maximum load, the load was reduced to the alignment load and record the permanent set.</p>	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The creep period shall start as soon as the maximum load test (1.0 PTL) is applied and the soil nail movement shall be measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. Where the soil nail movement between 1 minute and 10 minutes exceeds 0.04 inch, the maximum test load shall be maintained for an additional 50 minutes and movements recorded at 20 minutes, 30, 50, and 60 minutes. All load increments shall be maintained within 5 percent of the intended load.		The creep period started as soon as the maximum load test (1.0 PTL) was applied and the soil nail movement was measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. The soil nail movement between 1 minute and 10 minutes exceeded 0.04 inch, the maximum test load was maintained for an additional 50 minutes and movements recorded at 20 minutes, 30, 50, and 60 minutes. All load increments were maintained within 5 percent of the intended load.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep period shall start as soon as the maximum load test (1.0 PTL) is applied and the soil nail movement shall be measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. Where the soil nail movement between 1 minute and 10 minutes exceeds 0.04 inch, the maximum test load shall be maintained for an additional 50 minutes and movements recorded at 20 minutes, 30, 50, and 60 minutes. All load increments shall be maintained within 5 percent of the intended load.		The creep period started as soon as the maximum load test (1.0 PTL) was applied and the soil nail movement was measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. The soil nail movement between 1 minute and 10 minutes did not exceed 0.04 inch. All load increments were maintained within 5 percent of the intended load.	Conformance	4/22/2022 12:54:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The creep period shall start as soon as the maximum load test (1.0 PTL) is applied and the soil nail movement shall be measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. Where the soil nail movement between 1 minute and 10 minutes exceeds 0.04 inch, the maximum test load shall be maintained for an additional 50 minutes and movements recorded at 20 minutes, 30, 50, and 60 minutes. All load increments shall be maintained within 5 percent of the intended load.		The creep period started as soon as the maximum load test (1.0 PTL) was applied and the soil nail movement was measured and recorded at 1 minute, 2, 3, 5, 6, and 10 minutes. Where the soil nail movement did not exceed .04 in between 1 minute and 10 minutes.	Conformance	5/9/2022 7:44:19 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Select Lb PT tp be 10 ft or Lb PTmax, whichever is smaller, to avoid tensile breakage.		Selected Lb PT tp be 10 ft or Lb PTmax, whichever is smaller, to avoid tensile breakage.	Conformance	4/22/2022 12:54:35 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Production proof test soil nails that are shorter than 13 feet may be tested with less than the minimum 10 feet bond length. The maximum load in the proof test (PTL) is calculated as $PTL = Lb PT \times rPO \times 0.75$		Production proof test soil nails that are shorter than 13 feet may be tested with less than the minimum 10 feet bond length- all tested nails were more than 13 Ft.	Conformance	4/22/2022 12:54:35 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Production proof test soil nails that are shorter than 13 feet may be tested with less than the minimum 10 feet bond length. The maximum load in the proof test (PTL) is calculated as $PTL = Lb PT \times rPO \times 0.75$		Production proof test soil nails were not shorter than 13 feet. The maximum load in the proof test (PTL) was calculated as $PTL = Lb PT \times rPO \times 0.75$	Conformance	5/9/2022 7:44:19 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		504-2 Proof Test Loading Schedule		504-2 Proof Test Loading Schedule was followed.	Conformance	5/9/2022 7:44:19 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		504-2 Proof Test Loading Schedule		504-2 Proof Test Loading Schedule was followed.	Conformance	4/22/2022 12:54:35 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Test Soil Nail Acceptance Criteria. A test soil nail shall be considered acceptable when the following criteria are met.		The test soil nail was considered acceptable- the following criteria are met.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Pullout shall not occur at loads less than 1.00 VTL.		Pullout did not occur at loads less than 1.00 VTL.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Pullout shall not occur at loads less than 1.00 VTL.		Pullout did not occur at loads less than 1.0 VTL.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The total movement (?VTL) measured at VTL shall exceed 80 percent of the theoretical elastic elongation of the unbonded length (Lub), as defined by: (equation) where E = Young's modulus of steel (29,000 ksi).		The total movement (?VTL) measured at VTL exceeded 80 percent of the theoretical elastic elongation of the unbonded length (Lub), as defined by: (equation) where E = Young's modulus of steel (29,000 ksi).	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep movement between the 1 and 10 minute readings at 0.75 VTL shall be less than 0.04 in.		The creep movement between the 1 and 10 minute readings at 0.75 VTL was less than 0.04 in.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep movement between the 1 and 10 minute readings at 0.75 VTL shall be less than 0.04 in.		The creep movement between the 1 and 10 minute readings at .75 VTL was less than .04 inches.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep movement between the 6 and 10 minute readings at 0.75 VTL shall be less than 0.08 in.		The creep movement between the 1 and 10 minute reading at .75 VTL was less than .08 inches.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep movement between the 6 and 10 minute readings at 0.75 VTL shall be less than 0.08 in.		The creep movement between the 6 and 10 minute readings at 0.75 VTL was less than 0.08 in.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The creep rate shall be linear or decreasing throughout the creep test load-hold period.		The creep rate was linear or decreasing throughout the creep test load-hold period.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep rate shall be linear or decreasing throughout the creep test load-hold period.		The creep rate was linear throughout the creep test load hold period.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Proof testing. The following criteria shall be met to acceptance of the soil nail:		The criteria were met for acceptance.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Proof testing. The following criteria shall be met to acceptance of the soil nail:		The following criteria were met to acceptance of the soil nail:	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		No pullout occurs.		No pullout occurred.	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		No pullout occurs.		No pullout occurred.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The total soil nail movement (?PTL) measured at PTL shall be greater than 80 percent of the theoretical elastic elongation of the unbonded length, as defined by: (equation)		The total soil nail movement measured at PTL was greater than 80% of the theoretical elastic elongation of the unbonded length.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The total soil nail movement (?PTL) measured at PTL shall be greater than 80 percent of the theoretical elastic elongation of the unbonded length, as defined by: (equation)		The total soil nail movement (?PTL) measured at PTL was greater than 80 percent of the theoretical elastic elongation of the unbonded length, as defined by: (equation)	Conformance	4/5/2022 7:38:38 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The creep movement shall be less than 0.04 in. between the 1 and 10 minute readings.		The creep movement was more than .04 inch between the 1 and 10 minute readings	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		If this movement is exceeded, PTL shall be maintained for an additional 50 minutes with readings recorded at 20, 20, 50, and 60 minutes.		PTL was maintained for an additional 50 minutes with readings recorded at 20, 30, 50 and 60 minutes.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		If the creep test is extended, the creep movement between the 6 and 60 minute readings shall be less than 0.08 in.		Creep test was extended, movement between the 6 and 60 minute readings was less than .08 inches.	Conformance	12/10/2021 7:45:51 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Wall Drainage Network. All elements of the wall drainage network shall be installed and secured as shown on the plans. The drainage network shall consist of installing geocomposite strip drains, PVC connection pipes, wall footing drains, and weepholes as shown on the plans. Exclusive of the wall footing drains, all elements of the drainage network in the current lift shall be installed prior to shotcreting.		All elements of the wall drainage network were installed and secured as shown on the plans. The drainage network consisted of installing geocomposite strip drains, PVC connection pipes, wall footing drains, and weepholes as shown on the plans. Exclusive of the wall footing drains, all elements of the drainage network in the current lift were installed prior to shotcreting.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Geocomposite strip drains were centered between the columns of soil nails as shown on the Plans. The strip drains were at least 12 inches wide and placed with the geotextile side against the ground. The strips were secured to the excavation face and shotcrete was prevented from contaminating the geotextile.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Geocomposite Strip Drains. Geocomposite strip drains shall be centered between the columns of soil nails as shown on the Plans. The strip drains shall be at least 12 inches wide and placed with the geotextile side against the ground. The strips shall be secured to the excavation face and shotcrete shall be prevented from contaminating the geotextile.		Geocomposite strip drains were centered between the columns of soil nails as shown on the Plans. The strip drains are at least 12 inches wide and placed with the geotextile side against the ground. The strips were secured to the excavation face and shotcrete was prevented from contaminating the geotextile.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Initial Shotcrete Facing. The initial shotcrete facing shall be installed in accordance with Section 641. Membrane curing compound shall not be used. Maturity meters shall be used to monitor all shotcrete in accordance with subsection 641.05.		The initial shotcrete facing was installed in accordance with Section 641. Membrane curing compound was not used. Maturity meters were used to monitor all shotcrete in accordance with subsection 641.05.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Initial Face Finish. Shotcrete finish shall be either an undisturbed gun finish as applied from the nozzle or a rod, broom, wood float, rubber float, steel trowel or rough finish as shown on the Plans.		Shotcrete finish was an undisturbed gun finish as applied from the nozzle.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and teh shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		Bearing plate, washers, and nut were attached to each soil nail head as shown on the plans, the initial shotcrete facing was plastic and before its initial set, the plate was uniformly seated on the shotcrete by hand-wrench tightening the nut. Bearing plates and headed studs are located within tolerances shown on the Plans.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Attachment of Soil Nail Head Bearing Plate and Nut. Bearing plate, washers, and nut shall be attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate shall be uniformly seated on the shotcrete by hand-wrench tightening the nut. Where uniform contact between the plate and teh shotcrete cannot be provided, the plate shall be set in a bed of grout. After grout has set for 24 hours, the nut shall be hand-wrench tightened. Bearing plates and headed studs shall be located within tolerances shown on the Plans.		Bearing plates, washers, and nuts were attached to each soil nail head as shown on the plans. While the initial shotcrete facing is still plastic and before its initial set, the plate was uniformly seated on the shotcrete by hand-wrench tightening the nut. After grout has set for 24 hours, the nut was hand-wrench tightened. Bearing plates and headed studs were located within tolerances shown on the Plans.	Conformance	5/27/2022 11:04:42 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete Facing Tolerances. Construction tolerances for the shotcrete facing from plan location and plan dimensions shall be as shown in Table 504-3.		Construction tolerances for the shotcrete facing from plan location and plan dimensions are as shown in Table 504-3.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Horizontal location of welded wire mesh, reinforcing bars, and headed studs measured horizontally from wall face 3/8 in.		Horizontal location of welded wire mesh, reinforcing bars, and headed studs measured horizontally from wall face were 3/8 in.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Spacing between reinforcing bars 1 in.		Spacing between reinforcing bars was 1 inch.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Reinforcing lap length 1 in.		Reinforcing lap length was a minimum of 1 inch.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Planeness of finish face surface, gap under 10-ft straightedge, if left as shot 1-1/8 in. [approximation of 1.2 in.]		Planeness of finish face surface, left as shot, gap under 10 ft. straightedge, was less than 1-1/8 inch.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Soil nail head bearing plate deviation from parallel to wall face 10 degrees		Soil nail head bearing plate deviation from parallel to wall face was less than 10 degrees	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Reinforcing Steel. Reinforcing steel shall be installed in accordance with this specification and Section 602.		Reinforcing steel was installed in accordance with this specification and Section 601.	Conformance	11/19/2021 7:22:18 AM -07:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Trench shall be excavated to a width sufficient to allow for proper jointing of the water line and thorough compaction of the backfill material in accordance with Section 206.		Trench was excavated wide enough to allow for proper jointing and compaction of the newly placed water line.	Conformance	10/15/2021 1:54:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Wet (Water)	Utilities		Backfilling shall consist of suitable materials uniformly distributed in layers of not more than 8 inches.		Suitable backfill material was used and uniformly placed in layers not exceeding 8 inches.	Conformance	10/15/2021 1:54:29 PM -06:00	C		Closed
Central 70	C 0704-241	Wet (Water)	Utilities		Each layer shall be thoroughly compacted as required. All joints, connections, valves and fittings shall be watertight.		Each layer of placed backfill material was compacted as required. All joints, connections, valves and fittings were inspected by Denver Water Inspector.	Conformance	10/15/2021 1:54:29 PM -06:00	C		Closed
Central 70	C 0704-241	Subgrade	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Base course was placed was placed in one 6" lift for for entire section.	Conformance	11/11/2021 2:48:56 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		6" compacted lifts were placed.	Conformance	12/10/2021 9:07:23 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Base material placement was constructed in a single 6" lift.	Conformance	12/10/2021 12:31:08 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Aggregate base course did not exceed 6" prior to compaction.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Aggregate base course was placed in a single 6" layer.	Conformance	4/20/2022 3:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Required compacted depth of the aggregate base course exceeds 6", shall be constructed in 2 or more layers of approximate equal thickness.		Aggregate base course was placed in a single 6" lift for the entire section.	Conformance	4/20/2022 3:43:34 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" maximum lifts were placed.	Conformance	6/13/2022 2:44:50 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		6" lifts were used.	Conformance	4/28/2022 9:08:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Maximum compacted thickness of any one layer shall not exceed 6".		Maximum compacted thickness of any one layer did not exceed 6".	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Vibratory or special compacting equipment is used, depth of single layer may be increased to 8" provided density is still achieved and written approval is given.		A vibratory wheel roller was used to compact base.	Conformance	12/10/2021 9:07:23 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed thoroughly.	Conformance	12/10/2021 9:07:23 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Aggregates were mixed by a method to insure thorough and homogeneous mixture.	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Aggregates mixed by method to insure thorough and homogeneous mixture.		Base course aggregate was mixed thoroughly and placed to ensure no segregation.	Conformance	4/28/2022 9:08:56 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction to at least 95% of maximum dry density was achieved.	Conformance	4/28/2022 9:08:56 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Base course was compacted to at least 95% maximum dry density.	Conformance	6/13/2022 2:44:50 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction was done and density was achieved.	Conformance	4/20/2022 3:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Aggregate base material was graded, compacted, and a 95% maximum density.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Compaction of each layer continued until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 was achieved.	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		After compaction operation was complete. Density tests were performed and passed per Spec.	Conformance	12/10/2021 12:31:08 PM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Compaction of each layer shall continue until a density of not less than 95% of the maximum density determined with AASHTO T 180 as modified by CP 23 has been achieved.		Density tests were performed after compaction was complete. Density tests passed.	Conformance	4/20/2022 3:43:34 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Optimum moisture was achieved.	Conformance	4/20/2022 3:43:34 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		The moisture content was at +/- 2% of optimum moisture content. The surface of each layer was maintained during the compaction operations and a uniform texture was produced and the aggregates were firmly keyed.	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Aggregate base material achieved optimum moisture content. The surface looked good and aggregates looked firmly keyed.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Optimum moisture content was achieved.	Conformance	4/20/2022 3:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Base course was compacted within acceptable moisture range.	Conformance	4/28/2022 9:08:56 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		The moisture content shall be at +/- 2% of optimum moisture content. The surface of each layer shall be maintained during the compaction operations so that a uniform texture is produced and the aggregates are firmly keyed.		Base course was compacted within 2% of OMC.	Conformance	6/13/2022 2:44:50 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly during compaction.	Conformance	4/20/2022 3:43:02 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Light moisture conditioning was performed during compaction operation.	Conformance	3/7/2022 12:49:32 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed uniformly during compaction.	Conformance	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Base material was moisture conditioned at crusher yard prior to transport.	Conformance	12/10/2021 9:07:23 AM -07:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Moisture conditioning shall be performed uniformly during compaction.		Moisture conditioning was performed during compaction operation.	Conformance	4/20/2022 3:43:34 PM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primer or pavement.		Surface was tested with a 10 foot straightedge.	Conformance	12/10/2021 9:07:23 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Base	Earthwork		Surface base course tested with a 10 foot straightedge, or other approved device, prior to any application of primver or pavement.		Base course surface was tested with a 10 foot straightedge.	Conformanc e	4/28/2022 9:08:56 AM -06:00	C		Closed
Central 70	C 0704-241	Base	Earthwork		Variation o f surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		No variations outside of 1/4" were observed.	Conformanc e	6/13/2022 2:44:50 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Variation o f surface from testing edge of straightedge between any two points of contact not to exceed 1/4".		Variation of surface from testing edge of straightedge between any two points of contact did not exceed 1/4".	Conformanc e	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Compaction and straightedge requirements shall not apply to shoulder gravel, but shall be accomplished by wheel rolling, as directed.		Compaction and straightedge requirements did not apply to shoulder gravel.	Conformanc e	4/20/2022 3:44:16 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Contractor shall furnish and install Location Markers for identifying fiber optic conduit and other utility conduit at locations shown on the plans.		The Contractor has furnished and installed Location Markers at all CDOT ITS Pull Boxes to identify fiber optic conduit and other utility conduit at locations show on plan sheet ITS-028.	Conformanc e	3/22/2022 3:16:46 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Contractor shall furnish and install Location Markers for identifying fiber optic conduit and other utility conduit at locations shown on the plans.		The Contractor installed Location Marker for identifying fiber optic conduit and other utility conduit at locations shown on plan sheet ITS-043 (2465+62.01). Installed in accordance with all CDOT Standards and Specifications.	Conformanc e	2/28/2022 7:10:48 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Contractor shall furnish and install Location Markers for identifying fiber optic conduit and other utility conduit at locations shown on the plans.		The Contractor has furnished and installed Location Markers at locations shown on plan sheets ITS-017 & ITSID-07 to identify fiber optic conduit and other utility conduit.	Conformance	9/2/2022 3:04:32 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Contractor shall furnish and install Location Markers for identifying fiber optic conduit and other utility conduit at locations shown on the plans.		The Contractor has provided and installed Location Markers for identifying fiber optic conduit and other utilities show on plan sheets ITS-017 & ITSID-07.	Conformance	8/17/2022 3:27:34 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Location Marker (Utility) (Flat Slat) shall include a label with CDOT contact information and the designation of "ELECTRICAL CABLE". The label shall have black lettering on a red background for electrical and black lettering on an orange background for telephone. The Contractor shall submit the label design to the Department for Approval.		The Contractor has installed Location Markers (Utility)(Flat Slats) at locations shown on plan sheet LI-029. 2268+15	Conformance	8/23/2022 11:40:20 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Location Marker (Fiber Optic) (Dome) shall be installed at all pull box and Manhole TMS locations that contain fiber optic cable. Intermediate Location Markers shall be installed evenly at a maximum of 1000 foot spacing along each conduit run.		The Contractor has installed Location Marker (Fiber Optic) (Dome) at all Manhole and Pull Box locations per plan sheet ITS-021, in accordance with CDOT standards and specifications.	Conformance	9/2/2022 3:02:48 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		This work consisted of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/19/2022 6:32:31 AM -06:00	This work consists of the construction of curb, gutter or combination curb and gutter in accordance with these specifications and in conformity with the lines and grades as shown on the plans or established.		It was observed that a section of Curb and Gutter in the Swansea access road that will be up against unit pavers is missing weep drains at outlined in Plan Sheet DTLCT-04 and TLO-005.	Captured in NCR 2921	8/23/2022 10:34:26 AM -06:00	NC-2	NCR 2921 was developed to address this NC2	Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		The section will be as shown on the plans.		Curb installation appeared to be per plans and specifications. IQC will verify top of curb tolerance is acceptable after concrete cure.	Conformance	8/11/2022 2:33:40 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/12/2022 6:45:14 AM -06:00	The section will be as shown on the plans.		This section was not installed per plans. Curb is pitched the wrong direction. See attached detail.	Captured in ENCR 1619	8/23/2022 10:37:55 AM -06:00	NC-2	ENCR 1619 was assigned for this assessment	Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Graded and compacted properly?		Curb and gutter was graded and compacted properly.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Graded and compacted properly?		Before formwork set, graded and compacted properly.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Soft spots indentified and corrected?		No soft spots noted or observed by IQC.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		(b) Soft spots indentified and corrected?		No soft spots noted or observed.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(c) Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(c) Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Ground conditions suitable?		Ground conditions were suitable.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(d) Ground conditions suitable?		Ground conditions were suitable.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were made of metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms extended for the entire depth of the curb and were braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were made of metal, straight, free from warp and of such construction, no interference to the inspection of grade or alignment. All forms extended for the entire depth of the curb and were braced and secured sufficiently so that no deflection from alignment or grade occurred during the placement of the concrete.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were made of wood, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms extended for the entire depth of the curb and were braced and secured sufficiently so that no deflection from alignment or grade occurred during the placement of the concrete.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Forms were made of wood and metal, straight, free from warp and of such construction, there was no interference to the inspection of grade or alignment. All forms extended for the entire depth of the curb and were braced and secured sufficiently so that no deflection from alignment or grade occurred during the placement of the concrete.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Straight wood forms were used, and braced properly.	Conformance	9/21/2021 3:07:45 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Forms shall be of wood or metal, straight, free from warp and of such construction that there will be no interference to the inspection of grade or alignment. All forms shall extend for the entire depth of the curb and shall be braced and secured sufficiently so that no deflection from alignment or grade will occur during the placement of the concrete.		Wood and metal forms were used. Forms were rigid and straight.	Conformance	10/26/2021 1:48:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Set to proper line and elevation?		Forms were set to the proper line and elevation.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Set to proper line and elevation?		Forms were set to proper line and elevation.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(a) Set to proper line and elevation?		Formwork was set to proper line and elevation.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Set per grade stakes?		Forms were set per grade stakes.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(d) Correct dimensions?		Forms were set to correct dimensions.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(d) Correct dimensions?		Forms were the correct dimensions.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(d) Correct dimensions?		Dimensions were correct.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Lightly oiled for concrete release?		Forms were lightly oiled for concrete release.	Conformance	5/19/2022 8:37:38 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Lightly oiled for concrete release?		Formwork was lightly oiled for concrete release.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Forms were lightly oiled for concrete release.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Lightly oiled for concrete release?		Forms were lightly oiled for concrete release.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Correctly set to handle all drainage per plan typical section?		Forms were set to correctly set to handle all drainage per plan typical section.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Reinforcing:		Reinforcement was #4 rebar drilled and epoxied into existing C&G per plan.	Conformance	5/19/2022 8:37:39 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(b) Correctly placed?		Forms were correctly placed.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was constructed in sections having a uniform length of 10 feet. Sections were separated by open joints 1/8 inch wide except at expansion joint.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was jointed every 10 feet.	Conformance	10/26/2021 1:48:02 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Sections. Curb shall be constructed in sections having a uniform length of 10 feet, unless otherwise ordered. Sections shall be separated by open joints 1/8 inch wide except at expansion joint.		Curb was jointed at 10 foot maximum spacing.	Conformance	9/21/2021 3:07:45 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Expansion joints shall be installed between concrete curb and any fixed structure or bridge. Expansion joint material shall extend the full depth of contact surface.		Expansion joints were installed between concrete curb and any fixed structure or bridge. Expansion joint material extended the full depth of contact surface.	Conformance	5/19/2022 8:37:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete was approved mix design, and passed air, unit weight, and slump tests performed by PC. Concrete was placed per 601 specifications.	Conformance	9/21/2021 3:07:45 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Mixing and Placing. Concrete shall be proportioned, mixed and placed in accordance with the requirements for the class of concrete specified. Compaction of concrete curb, gutters, or combination curb and gutter, placed in forms shall have thorough consolidation which shall be achieved by tamping and spading, vibrating, or other acceptable methods. Forms shall be left in place until the concrete has set sufficiently that they can be removed without injury to the curb. Upon removal of the forms, the exposed curb face shall be immediately finished to a uniform surface. For the purpose of matching adjacent concrete finishes or for other reasons, the Engineer shall approve methods for finishing. Plastering will not be permitted.		Concrete was mixed and placed in accordance with specifications.	Conformance	10/26/2021 1:48:02 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(a) Approved mix design?		Mix design was approved.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(b) Test requirements met?		Test requirements were met (slump, air, unit weight, temperature).	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		(e) Finish accomplished without use of water?		Finish was accomplished without use of water.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		(e) Finish accomplished without use of water?		Finish was accomplished without use of water.	Conformance	5/19/2022 8:37:39 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Cold weather protection necessary?		Cold weather protection was necessary, covered with blankets after cure compound applied.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		(g) Cold weather protection necessary?		Cold weather protection was necessary, insulating blankets installed after curing compound applied.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Immediately upon completion of the finishing, the curb was cured by the use of membrane forming curing compound.	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Immediately upon completion of the finishing, the concrete was cured using of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Curing. Immediately upon completion of the finishing, the curb shall be moistened and kept moist for three days, or the curb shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Concrete was membrane cured after placement.	Conformance	10/26/2021 1:48:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Curb & Gutter	Roadway		Cast-in-Place Concrete Curb. All required hand finishing shall be performed in conformance with subsection 610.12(a).		All required hand finishing was performed in conformance with subsection 610.12 (a).	Conformance	3/15/2022 4:10:50 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cast-in-Place Concrete Curb. All required hand finishing shall be performed in conformance with subsection 610.12(a).		Cast-in-Place Concrete Curb. All required hand finishing was performed in conformance with subsection 610.12(a)	Conformance	5/19/2022 8:37:39 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Truck 3 of pour arrived without fiber. After identifying, fiber was added, and concrete was tested and met requirements by PC.	Field Resolved	8/29/2022 11:22:03 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Approved concrete flatwork mix design was used for sidewalk.	Conformance	2/14/2022 10:51:31 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete for sidewalks, bikeways, and curb ramps shall be Class B, and meet the requirements of Section 601.		Concrete for sidewalks was Class B, and meet the requirements of Section 601.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Concrete and bituminous mixes will be subject to inspection and tests as required to assure compliance with quality requirements.		IQC inspected and approved materials.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation was shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Subgrade for sidewalk was excavated, graded, and compacted in accordance with specifications.	Conformance	3/16/2022 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Finegrade Flatwork	Earthwork		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Subgrade was shaped and compacted to proper dimensions and grade. IQC performed an inspection on grade prior to pour.	Conformance	5/2/2022 8:45:46 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was made to the required depth and to a width that permitted the installation and bracing of the forms. The foundation was shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was made to the required depth and to a width that permitted the installation and bracing of the forms. The foundation was shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Excavation shall be made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked. When the Engineer determines that material is uncompactable, the material shall be removed and replaced in accordance with subsection 206.03.		Excavation was made to the required depth and to a width that will permit the installation and bracing of the forms. The foundation was shaped and compacted to a firm even surface conforming to the section shown on the plans or as staked.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Subgrade was graded and compacted properly.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Subgrade was graded and compacted properly.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Subgrade graded and compacted properly?		Subgrade was graded and compacted properly.	Conformance	9/23/2021 3:29:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Subgrade graded and compacted properly?		It was observed that Kiewit was forming and placing reinforcement in preparation to place Concrete for the Swansea Ramp. it was noticed that the Subgrade was native soil rather than Class 6 which is called for in Plan sheet TLD-001. I alerted Brian Armstrong and Suzanne (IQC). Brian promptly stopped the CIP ramp preparation, so they have the opportunity to correct the subgrade and place 6" of Class 6.	Field Resolved	8/5/2022 9:50:29 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Flatwork	Roadway		Soft spots identified and corrected?		No soft spots noted in subgrade.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Soft spots identified and corrected?		No soft spots were identified.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Soft spots identified and corrected?		No softs identified/ noted by IQC/ PC.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		The cross-slope, elevation, and alignment were correct.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		The cross-slope, elevation, and alignment were correct.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM -06:00	Cross-slope, elevation, and alignment correct?		Cross-slope, elevation, and alignment were correct.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable for concrete placement.	Conformance	9/23/2021 3:29:54 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Ground conditions suitable?		Ground conditions were suitable.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were made of wood and metal, and extended for the full depth of the concrete. All forms were straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms was such that the forms remain in both horizontal and vertical alignment until their removal.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were made of wood and metal, and extended for the full depth of the concrete. All forms were straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms was such that the forms remained in both horizontal and vertical alignment until their removal.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were wood, and extended for the full depth of the concrete. All forms were free from warp and of sufficient strength to resist the pressure of the concrete without springing.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were made of wood, and extended for the full depth of the concrete. All forms were straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms was such that the forms remain in both horizontal and vertical alignment until their removal.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Straight forms of suitable material were used.	Conformance	9/23/2021 3:29:54 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were wood and metal, or other suitable material, and extended for the full depth of the concrete. Forms were straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms were such that the forms remain in both horizontal and vertical alignment until their removal.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Straight metal forms were used to form sidewalk.	Conformance	11/4/2021 1:41:21 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Forms were made of wood, metal, or other suitable material, and extended for the full depth of the concrete. All forms were straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms were that the forms remain in both horizontal and vertical alignment until their removal.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Forms. Forms shall be of wood, metal, or other suitable material, and shall extend for the full depth of the concrete. All forms shall be straight, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal. A satisfactory slip-form method may be used.		Formwork appeared Satisfactory and conforming to Plans and Specs	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Formwork appeared to be set to proper line and elevation.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Forms were set to proper line and elevation.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Forms were set to proper line and elevation.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Forms were set to proper line and elevation.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Formwork was set to proper line and elevation.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Set to proper line and elevation?		Formwork was set to proper line and elevation.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Formwork was set per grade stakes.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Formwork was set per grade stakes.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Forms were set per grade stakes.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Set per grade staking.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Set per grade stakes?		Forms were set per grade staking.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Forms were correct dimensions.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Dimensions were correct.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Dimensions were correct.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Dimensions were correct.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Formwork was to correct dimensions.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correct dimensions?		Formwork appeared to be the correct dimensions.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Releasing agent applied prior to concrete placement.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Forms were lightly oiled for ease of concrete release.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Forms were lightly oiled for concrete release.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Formwork was lightly oiled for concrete release.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Lightly oiled for concrete release?		Forms were lightly oiled.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		Forms correctly set for ADA ramp/ landing.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		Forms were correctly set for handicap ramps.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		Formwork was correctly set for ADA ramps.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		Forms were set correctly for handicap ramps and driveways	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set for inlet sections, handicap ramps and driveways?		Forms were correctly set for inlet sections, handicap ramps and driveways.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set to handle all drainage per plan typical section?		Forms set to handle all drainage per typical plan section.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Correctly set to handle all drainage per plan typical section?		Forms were correctly set to handle all drainage per plan typical section.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM -06:00	Correctly set to handle all drainage per plan typical section?		Formwork was correctly set to handle all drainage per plan typical section.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Is the reinforcing correctly placed if required?		Reinforcing Steel appeared to be correctly placed.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Is the reinforcing correctly placed if required?		The reinforcing steel was correctly placed.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Grade trimmed to correct cross-slope and elevation?		Grade was trimmed to correct cross-slope and elevation.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Gradeline correct per grade stakes?		Gradeline was correct per grade stakes.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Pan constructed to spill or catch per typical limit?		Pan was constructed to spill or catch per typical limit.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Alignment correct?		Alignment was correct.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Alignment correct?		Alignment was correct.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Alignment correct?		Alignment was correct.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		The foundation/ subgrade was thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete was in accordance with the requirements for the class of concrete specified.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Concrete was placed in conformance with specifications.	Conformance	9/23/2021 3:29:54 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Concrete was mixed and placed within specifications.	Conformance	11/4/2021 1:41:21 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Concrete was mixed, tested, and placed in accordance with specifications.	Conformance	3/16/2022 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		The foundation was thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete was in accordance with the requirements for the class of concrete specified.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		subgrade was moistened prior to pour. Concrete was mixed and placed in accordance with specifications.	Conformance	2/14/2022 10:51:31 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Foundation was not be moistened prior to Concrete. I informed the superintendent who was next to IQC (Stoan) and he promptly resolved the issue.	Field Resolved	6/14/2022 4:21:02 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Placing Concrete. The foundation shall be thoroughly moistened immediately prior to the placing of concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements for the class of concrete specified.		Concrete was placed properly.	Conformance	8/29/2022 11:22:03 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Approved mix design?		Mix design is approved.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Approved mix design?		Mix design was approved (Class "D" w/ fiber).	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Approved mix design?		Mix design used is approved.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		All concrete tests passed.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Test requirements met?		IQC tested and accepted concrete. Material placement appeared acceptable.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Properly consolidated?		Consolation appeared acceptable.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Properly consolidated?		Concrete was properly consolidated.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Properly consolidated?		Concrete was properly consolidated using vibrator.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The surface was floated with a wooden and magnesium floats and given a transverse broom finish, no plastering of the surface was performed, all required hand finishing was performed in conformance with subsection 601.12 (a).	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Proper surface finish was applied to sidewalk.	Conformance	3/16/2022 3:41:43 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Tools made with approved materials were used to finish sidewalk.	Conformance	11/4/2021 1:41:21 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The surface floated with a wood and magnesium floats and given a transverse broom finish. Plastering of the surface was not permitted. All required hand finishing was performed in conformance with subsection 601.12 (a).	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The surface was floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface was not permitted. All required hand finishing was performed in conformance with subsection 601.12 (a).	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The surface was floated with a wooden or magnesium float(s) and given a transverse broom finish. No plastering of the surface done. All required hand finishing was performed in conformance with subsection 601.12 (a).	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was finished properly	Conformance	8/29/2022 11:22:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		The surface was floated with a magnesium float and given a transverse broom finish. Plastering of the surface was not permitted. All required hand finishing was performed in conformance with subsection 601.12 (a).	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finishing. The surface shall be floated with a wooden or magnesium float and given a transverse broom finish. Plastering of the surface will not be permitted. All required hand finishing shall be performed in conformance with subsection 601.12(a).		Concrete was finished with a magnesium float.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		Edging was observed.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges of the slab and all joints were edged with a 1/4 inch radius edging tool.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		all edges and joints were tooled.	Conformance	8/29/2022 11:22:03 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges of the slab and all joints were edged with a 1/4 inch radius edging tool.	Conformance	2/16/2022 11:13:47 AM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges of the slab and all joints were edged with a 1/4 inch radius edging tool.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges of the slab and all joints were edged with a 1/4 inch radius edging tool.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		All outside edges and joints were tooled with a 1/4" radius edging tool.	Conformance	11/4/2021 1:41:21 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		All outside edges of the slab and all joints shall be edged with a 1/4 inch radius edging tool.		Outside edges of the slab and all joints were edged with a 1/4' edging tool.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finish accomplished without use of water?		No finishing water used.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finish accomplished without use of water?		Finish was accomplished without the use of water.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Finish accomplished without use of water?		Finish was accomplished without use of water.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM -06:00	Finish accomplished without use of water?		Finish (light broom) was accomplished without use of water.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Finish accomplished without use of water?		Section 601.12 in CDOT Standard Specifications states "Water or finishing aids shall not be added to the surface of the concrete to assist in finishing operations." Jalisco was applying a evaporation control agent monomolecular film to assist in finishing operations this date.	Adequate	7/11/2022 2:44:06 PM -06:00	Audit Comment	The operation that was referenced was in CCD ROW which does not have a standard or specification for finishing aids. KIC will hold a toolbox talk to address the use of finishing aids with in the CDOT ROW, and that finishing aids within the CCD ROW is on a as needed basis.	Closed
Central 70	C 0704-241	Flatwork	Roadway		Finish accomplished without use of water?		No water was observed finishing the concrete.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Finish appeared acceptable.	Conformance	6/14/2022 4:21:02 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		The finishing appeared acceptable at time of finishing.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Acceptable finish achieved?		Acceptable finish was achieved.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Acceptable finish was achieved (light broom finish).	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Acceptable finish was achieved.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		An acceptable finish was achieved.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Acceptable finish achieved?		Acceptable finish was achieved.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints, at intervals of not more than 500 feet, was filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway was divided into sections by dummy joints formed by a jointing tool. These dummy joints extended into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints were spaced at intervals approximately equal to the width of the sidewalk or bikeway	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Joints were tooled to proper depth at appropriate intervals.	Conformance	2/14/2022 10:51:31 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints were placed at proper intervals.	Conformance	8/29/2022 11:22:03 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Joints. Expansion joints, at intervals of not more than 500 feet, shall be filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk or bikeway shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints shall extend into the concrete for at least 1/4 of the depth and shall be approximately 1/8 inch wide. Dummy joints shall be spaced at intervals approximately equal to the width of the sidewalk or bikeway.		Expansion joints, at intervals of not more than 500 feet, were filled with 1/2 inch thick full depth, preformed expansion joint filler. The sidewalk was divided into sections by dummy joints formed by a jointing tool or other acceptable means as directed. These dummy joints extended into the concrete for at least 1/4 of the depth and approximately 1/8 inch wide. Dummy joints were spaced at intervals approximately equal to the width of the sidewalk or bikeway.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc., extending into and through the sidewalk. Prefomed expansion joint filler 1/2 inch thick shall be installed in these joints. Expansion joint filler 1/2 inch thick or the the thickness indicated shall be installed between new concrete and any fixed structure such as a building or bridge. This expansion joint material shall extend for the full depth of the contact surface.		Construction joints were formed at proper intervals	Conformanc e	8/29/2022 11:22:03 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc., extending into and through the sidewalk. Prefomed expansion joint filler 1/2 inch thick shall be installed in these joints. Expansion joint filler 1/2 inch thick or the the thickness indicated shall be installed between new concrete and any fixed structure such as a building or bridge. This expansion joint material shall extend for the full depth of the contact surface.		Construction joints were formed around all appurtenances such as manholes, utility poles, etc., extending into and through the sidewalk. Prefomed expansion joint filler 1/2 inch thick was installed in these joints. Expansion joint filler 1/2 inch thick or the the thickness indicated was installed between new concrete and any fixed structure such as a building or bridge. This expansion joint material extended for the full depth of the contact surface.	Conformanc e	3/28/2022 7:48:34 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway		Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc., extending into and through the sidewalk. Preformed expansion joint filler 1/2 inch thick shall be installed in these joints. Expansion joint filler 1/2 inch thick or the the thickness indicated shall be installed between new concrete and any fixed structure such as a building or bridge. This expansion joint material shall extend for the full depth of the contact surface.		Construction joints were formed around utility pole, extending into and through the sidewalk, using 1/2" expansion joint material full depth.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc., extending into and through the sidewalk. Preformed expansion joint filler 1/2 inch thick shall be installed in these joints. Expansion joint filler 1/2 inch thick or the the thickness indicated shall be installed between new concrete and any fixed structure such as a building or bridge. This expansion joint material shall extend for the full depth of the contact surface.		Construction joints were placed within specifications.	Conformance	9/23/2021 3:29:54 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing. Immediately upon completion of the finishing, sidewalks and bikeways shall be moistened and kept moist for three days, or they shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Sidewalk was coated with membrane forming curing compound immediately after finishing completed.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM -06:00	Curing. Immediately upon completion of the finishing, sidewalks and bikeways shall be moistened and kept moist for three days, or they shall be cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.		Immediately upon completion of the finishing, sidewalks was cured by the use of membrane forming curing compound. The method and details of curing shall be subject to the approval of the Engineer.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Flatwork	Roadway	6/29/2022 3:21:09 PM - 06:00	Curing compound an approved type, applied at appropriate time and rate?		Curing compound was an approved type and applied at appropriate time and rate.	Conformance	6/29/2022 7:42:28 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing compound an approved type, applied at appropriate time and rate?		Curing compound was applied and appeared acceptable.	Conformance	8/31/2022 2:22:07 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Curing compound an approved type, applied at appropriate time and rate?		Curing compound was an approved type, and applied at appropriate time and rate.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cold weather protection necessary?		Concrete covered by insulated blankets after curing compound set up.	Conformance	11/29/2021 1:31:39 PM -07:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cold weather protection necessary?		Insulating blankets were set on structures poured after finishing and curing completed.	Conformance	3/28/2022 7:48:34 AM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cold weather protection necessary?		Concrete was blanketed, even though no freezing temperatures are expected overnight.	Conformance	4/7/2022 12:25:30 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		Cold weather protection necessary?		Cold weather protection was necessary, concrete was covered with insulating blankets and forced hot air heater installed.	Conformance	3/14/2022 8:58:35 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		Thorcon Applied the bottom lift of Shotcrete within specifications and Plans on Wall 303-W1 between Fillmore and Clayton	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		This works consists of constructing pneumatically applied concrete onto designated surfaces at locations and thicknesses with lines and dimensions shown on the plans or as designated by the Engineer.		Application was applied per plans and specifications.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		IQC approved mix on site.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix has been approved and prepackaged material is on Approved Products List.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix is approved.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Mix design has been approved, and is on Approved Products List.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix has been approved.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix has been approved.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		The mix design has been approved.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		The design mix has been approved.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix has been approved and is on Approved Products List.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Design mix approved or prepackaged material on Approved Products List?		Design mix is approved or prepackaged material on Approved Products List.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete proportioning and placement shall comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).		Shotcrete proportioning and placement complies with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete proportioning and placement shall comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).		Shotcrete proportioning and placement complies with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete proportioning and placement shall comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).		Shotcrete proportioning and placement complies with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete," and the requirements of Section 601 (Class Shotcrete).	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The maximum aggregate size in shotcrete shall be 1/2 inch.		The maximum aggregate size in shotcrete was 1/2 inch.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Submittals. The following documents and shop drawings shall be submitted in accordance with subsection 105.02. Shotcrete shall not be placed on the project before the submittals have been reviewed and approved by the Engineer.		Shotcrete was not placed on the project before the submittals have been reviewed and approved by the Engineer., per Subsection 105.02.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		A shotcrete mix design meeting the requirements of subsection 601.05 has been submitted & approved by IQC.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		A shotcrete mix design meeting the requirements of subsection 601.05 was submitted & approved by IQC.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		A shotcrete mix design meeting the requirements of subsection 601.05 was submitted & approved by IQC.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		The shotcrete mix design meeting the requirements of subsection 601.05 has been submitted & approved by IQC.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		Shotcrete mix design used was approved.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		IQC approved mix prior to placement.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		The shotcrete mix design meeting the requirements of subsection 601.05 has been submitted & approved by IQC.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		A shotcrete mix design meeting the requirements of subsection 601.05 been submitted & approved by IQC.		A shotcrete mix design meeting the requirements of subsection 601.05 has been submitted & approved by IQC.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete Application Method Statement. The Shotcrete Application Method Statement shall indicate dry-mix process or wet-mix process and shall include drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.		The Shotcrete Application Method Statement indicated the wet-mix process and included drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete Application Method Statement. The Shotcrete Application Method Statement shall indicate dry-mix process or wet-mix process and shall include drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.		The Shotcrete Application Method Statement indicated dry-mix process or wet-mix process and included drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete Application Method Statement. The Shotcrete Application Method Statement shall indicate dry-mix process or wet-mix process and shall include drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.		Thorcon's Shotcrete Application Statement indicates a Wet-mix Method and includes notes describing equipment used and procedures for application as well as curing	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete Application Method Statement. The Shotcrete Application Method Statement shall indicate dry-mix process or wet-mix process and shall include drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.		The Shotcrete Application Method Statement indicates dry-mix process or wet-mix process and includes drawings and notes describing equipment, procedures and sequences for shotcrete production, application, curing plan, and applicable manufacturer's literature and recommendations.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Shotcrete Application Statement shall also include written documentation that verifies the qualifications of the nozzlemen that will be performing the work. All nozzlemen shall have had at least one year of experience in the application of shotcrete and hold a current certification for ACI Shotcrete Nozzleman for the methods and orientations to be used.		The Shotcrete Application Statement includes written documentation that verifies the qualifications of the nozzlemen that will be performing the work. All nozzlemen have had at least one year of experience in the application of shotcrete and holds a current certification for ACI Shotcrete Nozzleman for the methods and orientations to be used.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The Shotcrete Application Statement shall also include written documentation that verifies the qualifications of the nozzlemen that will be performing the work. All nozzlemen shall have had at least one year of experience in the application of shotcrete and hold a current certification for ACI Shotcrete Nozzleman for the methods and orientations to be used.		Thorcon's Shotcrete Application Statement includes documentation that certifies the qualifications of the nozzlemen	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Has a complete PC Plan been submitted which is compliant with 641.03 (c)?		A process Control Plan has been submitted according to CDOT SPEC 641.03 (c)	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Has a complete PC Plan been submitted which is compliant with 641.03 (c)?		A complete PC Plan been submitted which is compliant with 614.03 (c).	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		For Architectural Applications a test panel of the shotcrete application with the date of the application has been submitted prior to production.		Test panels were made on site with dates.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete slump appeared acceptable.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		No excessive slumping observed.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not observed to be slumping	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively?	Conformance	2/9/2022 7:45:36 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete not slumping excessively?		Shotcrete was not slumping excessively.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses as shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete appeared to be at the thickness called out in the plans	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete was not less than the dimensions shown on the plans.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Shotcrete was applied to specified thickness.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		General. Shotcrete shall be applied at the locations and to the thicknesses shown on the plans. The thickness of shotcrete shall not be less than the dimensions shown on the plans.		Application appeared acceptable.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		Shotcrete applied appeared acceptable.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		Shotcrete was dense uniform mix.	Conformance	11/29/2021 1:32:36 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		Shotcrete appeared to be within Specifications and Plans	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Did the applied shotcrete consist of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond?		The applied shotcrete consisted of a dense and uniform mixture without rebound, inclusions, segregation, or discernable weakness of bond.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		In soil cuts, surfaces were prepared to the line and grade shown on the plans. The Contractor did provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness was achieved.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		For rock and soil cuts, surfaces were prepared to the line and grade shown on the plans. The Contractor provided documentation, including survey data, that shows that the excavated face conforms to the plans, the minimum thickness is achieved. The Engineer determined that irregularities were not excessive, no additional reinforcing was required. No costs were associated for additional shotcrete required.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		For soil cuts, surfaces were prepared to the line and grade shown on the plans. The Contractor provided documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness was achieved.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		Surfaces were prepared to line and grade shown in plans. Survey was provided prior to placement.	Conformance	11/29/2021 1:32:36 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		For rock and soil cuts, surfaces shall be prepared to the line and grade shown on the plans. The Contractor shall provide documentation, including survey data, to show that the excavated face conforms to the plans so that the minimum thickness is achieved. If the Engineer determines that irregularities are excessive, additional reinforcing may be required. All costs associated with additional shotcrete required to bring an over excavated cut to the proper line and grade shall be borne by the Contractor.		Cuts were per plans.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		Additional Shotcrete was placed to fill voids in excess of plans thickness..	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		All voids were filled.	Conformance	11/29/2021 1:32:36 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process. No additional shotcrete was in excess of the plan thickness required to make the final shotcrete face conform to the plans.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		Contractor prepared the excavated surface to plan	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process. No additional shotcrete was in excess of the plan thickness.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process. Shotcrete was not in excess of the plan thickness.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process. No additional shotcrete was in excess of the plan thickness was required to make the final shotcrete face conform to the plans.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall fill all voids, holes or pits created during the excavation process. Where additional shotcrete is in excess of the plan thickness is required to make the final shotcrete face conform to the plans, the Contractor shall provide a plan and method statement for applying the additional shotcrete. The work shall not proceed until the proposed plan and methods have been reviewed and approved by the Engineer.		The Contractor filled all voids, holes or pits created during the excavation process.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		A light application of water may be used to clean the surface of all dry soil or rock surfaces prior to application of the shotcrete.		A light application of water was used to clean the surface of all dry soil prior to application of the shotcrete.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Surface to be applied with Shotcrete was within specifications to plans and Specifications	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. De-icing compounds were used to thaw ice, snow, or frost. Shotcrete wall was covered with plastic sheeting and heaters were used to prevent freezing.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. No de-icing compounds used to thaw ice, snow, or frost.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. De-icing compounds were not used to thaw ice, snow, or frost.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. De-icing compounds were not used to thaw ice, snow, or frost.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces, and no de-icing compounds were used.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. De-icing compounds were not used to thaw ice, snow, or frost.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Applied surface was not frozen.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surface.	Conformance	11/29/2021 1:32:37 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces. De-icing compounds were not used to thaw ice, snow, or frost.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Shotcrete shall not be applied to frozen surfaces. De-icing compounds shall not be used to thaw ice, snow, or frost.		Shotcrete was not applied to frozen surfaces.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		Before patching concrete structures loose material was removed, and surfaces were dampened to a saturated surface dry condition. Prior to the placement of the shotcrete exposed reinforcing steel was clean.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Before patching concrete structures, loose material shall be removed, and surfaces shall be dampened to a saturated surface dry condition. Prior to the placement of new shotcrete, the Contractor shall sandblast exposed reinforcing steel clean.		Before patching concrete structures, loose material removed, and surfaces were dampened to a saturated surface dry condition. No sandblasting needed for exposed reinforcing steel.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound material was disposed of.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Rebound shall be removed and disposed of by the Contractor. Rebound shall not be worked back into the surface, and shall not be salvaged and included in later batches.		Rebound was removed and disposed of by the Contractor. Rebound was not worked back into the surface, and was not salvaged and included in later batches.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Drainage system was installed per plan.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Under drain and drain boards were installed.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Drainage system was installed per plan.	Conformance	11/29/2021 1:32:37 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Weep holes and the drainage system shall be installed as shown on the plans.		Weep holes and the drainage system were installed as shown on the plans.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		When multiple layers of shotcrete are to be applied, each layer of shotcrete was cleaned. No curing compound was used.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		When multiple layers of shotcrete are to be applied, each layer of shotcrete shall be cleaned. If curing compound is used the curing compound shall be removed by sandblasting or a method approved by the Engineer.		When multiple layers of shotcrete are to be applied, each layer of shotcrete was cleaned. No curing compound was used, area was blanketed and heated.	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did have some small deficiencies with delamination. No issues with segregation, honeycombing, or excessive cracking were observed. Areas of delamination were cleaned and shotcrete reapplied.	Field Resolved	2/23/2022 1:54:21 PM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	6/13/2022 2:47:53 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	1/12/2022 9:48:24 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have any deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Does the shotcrete have deficiencies such as segregation, honeycombing, delamination, or excessive cracking?		The shotcrete did not have deficiencies such as segregation, honeycombing, delamination, or excessive cracking.	Conformance	4/13/2022 9:38:03 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Polyethylene sheeting completely covered the surfaces and the Contractor overlapped the sheeting edges. Joints between sheets were sealed.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Polyethylene sheeting completely covered the surfaces and the Contractor overlapped the sheeting edges. Joints between sheets were sealed.	Conformance	2/7/2022 4:19:42 PM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Polyethylene sheeting completely covered the surfaces and the Contractor overlapped the sheeting edges. Joints between sheets were sealed.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Polyethylene sheeting shall completely cover the surfaces and the Contractor shall overlap the sheeting edges. Joints between sheets shall be sealed.		Polyethylene sheeting completely covered the surfaces and the Contractor overlapped the sheeting edges. Joints between sheets were sealed.	Conformance	1/14/2022 8:13:02 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall promptly repair any tears, holes, and other damage. Anchor sheeting shall be installed as necessary to prevent billowing.		The Contractor promptly repaired any tears, holes, and other damage. Sheeting was anchored at top and bottom to prevent billowing.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The minimum curing period shall be seven days.		Insulating blankets will be in place for 7 days.	Conformance	10/19/2021 2:46:10 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The minimum curing period shall be from the time the shotcrete has been placed until the concrete has met a compressive strength of 80 percent of the required field compressive strength. Compressive strength shall be determined by coring information panels. Information panels shall be constructed by the Contractor on the final portion of a placement and stored as close to the structure as possible. If the information panels are lost, mislabeled, damaged or destroyed in the field, the minimum curing period shall be seven days.		IQC is monitoring comprehensive strengths and comprehensive concrete strength has been achieved prior to Shotcrete application.	Conformance	10/19/2021 2:46:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		The minimum curing period shall be from the time the shotcrete has been placed until the concrete has met a compressive strength of 80 percent of the required field compressive strength. The Contractor shall develop a maturity relationship for the shotcrete mix design in accordance with CP 69. The Contractor shall provide the maturity meter and all necessary thermocouples, thermometers, wires and connectors. The Contractor shall be responsible for the placement, protection and maintenance of the maturity meters and associated equipment. Locations where the maturity meters are placed shall be protected in the same manner as the rest of the shotcrete. The Contractor shall install the thermocouples at locations designated by the Engineer. The Contractor shall monitor the temperature at intervals acceptable to the Engineer. If the maturity meter malfunctions the minimum curing period shall be seven days.		IQC is monitoring comprehensive strengths and comprehensive concrete strength has been achieved prior to Shotcrete application.	Conformance	10/19/2021 2:46:10 PM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		When the ambient temperature is expected to fall below 35 °F during the curing period the Contractor shall maintain the shotcrete internal temperature above 50 °F during the curing period. The Contractor shall monitor the internal shotcrete temperature by the use of maturity meters or high/low thermocouples. Maturity meter probes or thermocouples shall be located 2 feet from the edge of the final portion of the concrete placed for the day and be located at mid-depth of the layer.		Insulating blankets were used.	Conformance	10/19/2021 2:46:10 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		When the ambient temperature is expected to fall below 35 °F during the curing period the Contractor shall maintain the shotcrete internal temperature above 50 °F during the curing period. The Contractor shall monitor the internal shotcrete temperature by the use of maturity meters or high/low thermocouples. Maturity meter probes or thermocouples shall be located 2 feet from the edge of the final portion of the concrete placed for the day and be located at mid-depth of the layer.		Temperatures did not drop below 35 degrees F.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		When the ambient temperature is expected to fall below 35 °F during the curing period the Contractor shall maintain the shotcrete internal temperature above 50 °F during the curing period. The Contractor shall monitor the internal shotcrete temperature by the use of maturity meters or high/low thermocouples. Maturity meter probes or thermocouples shall be located 2 feet from the edge of the final portion of the concrete placed for the day and be located at mid-depth of the layer.		The ambient temperature is expected to fall below 35 °F during the curing period the Contractor maintained the shotcrete internal temperature above 50 °F during the curing period.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Enclosures with artificial heat sources will be permitted. If enclosures are used the Contractor shall monitor the structural integrity of the enclosure. Artificial heat sources shall not be placed in such a manner as to expose any area of shotcrete to drying due to excessive temperatures. At the end of the curing period, the protection shall remain in place until it can be removed without allowing the shotcrete temperature to fall more than 50 °F in a 24-hour period. Sudden changes of shotcrete temperature shall be prevented.		Contractor has used artificial heat to protect and keep the Shotcrete above freezing	Conformance	2/14/2022 10:58:16 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Enclosures with artificial heat sources will be permitted. If enclosures are used the Contractor shall monitor the structural integrity of the enclosure. Artificial heat sources shall not be placed in such a manner as to expose any area of shotcrete to drying due to excessive temperatures. At the end of the curing period, the protection shall remain in place until it can be removed without allowing the shotcrete temperature to fall more than 50 °F in a 24-hour period. Sudden changes of shotcrete temperature shall be prevented.		Enclosures with artificial heat sources were used, and the Contractor monitored the structural integrity of the enclosure. Artificial heat sources were not placed in such a manner as to expose any area of shotcrete to drying due to excessive temperatures.	Conformance	2/9/2022 7:45:37 AM -07:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.		A test panel was produced for today's workday. Less than 50 CY of shotcrete was placed this date, one panel produced. Test panel was produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panel was constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panel is being cured in similar conditions to what is anticipated in the field, and is being field cured until test specimens are taken.	Conformance	4/7/2022 12:24:29 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.</p>		<p>A test panel was molded for this workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panel was molded in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panel was molded in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panel was cured in similar conditions to what is anticipated in the field, and was field cured until test specimens are taken.</p>	Conformance	2/23/2022 1:54:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.		Test panels were made and collected by IQC next shift.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.		A test panel was produced.	Conformance	11/4/2021 8:31:54 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.</p>		<p>A test panel was produced for each mix this workday. Less than 50 cubic yards of a shotcrete mixture was placed for this workday. Test panel was produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panel was constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panel was cured in similar conditions to what is anticipated in the field, and was field cured until test specimens are taken.</p>	Conformance	5/11/2022 12:39:23 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.</p>		<p>A test panel was produced for this workday. Less than 50 cubic yards of a shotcrete mixture was placed on this date. Test panel was produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panel was constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panel will be cured in similar conditions to what is anticipated in the field, and will be field cured until test specimens are taken.</p>	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		<p>Test Panels. A test panel shall be produced for each mix and each workday. When more than 50 cubic yards of a shotcrete mixture has been placed in a day, a test panel shall be produced for every 50 cubic yards or fraction thereof. Test panels shall be produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panels shall be constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels shall be cured in similar conditions to what is anticipated in the field, and shall be field cured until test specimens are taken.</p>		<p>A test panel was produced this workday. Less than 50 cubic yards of a shotcrete mixture was placed this day, one test panel produced for every 50 cubic yards or fraction thereof. Test panel was produced in accordance with ASTM C 1140 Standard Practice for Preparing and Testing Specimens from Shotcrete Testing Panels. Test panel was constructed in the same manner as that being used on the project, including distance from nozzle, angle, and orientation. Test panels was cured in similar conditions to what is anticipated in the field, and was field cured until test specimens are taken.</p>	Conformance	6/1/2022 9:48:24 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Shotcrete	Walls		Field Compressive Strength. The field compressive strength shall be determined from at least three test specimens from each test panel in accordance with ASTM C 1140 and tested at 28 days. The Contractor shall removed test specimens and immediately give them to the Engineer. The Contractor shall remove the test specimens between 25 and 27 days of age. The test specimens shall be stored in watertight bags and labeled with the project number, test panel number and date of placement. If the 28 day compressive strength does not meet the required strength, the Contractor may take additional cores from the test panel to be tested at 56 days. The Contractor shall remove the 56 day test specimens between 53 and 55 days of age. Shotcrete will be evaluated for acceptance and price reduction in accordance with subsection 601.17.		Test panels and maturity meters were used.	Conformance	9/28/2021 10:45:00 AM -06:00	C		Closed
Central 70	C 0704-241	Shotcrete	Walls		The Contractor shall take cores following the procedures of ASTM C1604 at locations designated by the Engineer. The shotcrete shall be at least 28 days old. A set of three cores will be taken for each 100 square feet of shotcrete. Cores containing reinforcing steel shall not be tested.		The Contractor took cores following the procedures of ASTM C1604 at locations designated by the Engineer. The shotcrete was at least 28 days old. A set of three cores was taken for each 100 square feet of shotcrete. Cores did not contain reinforcing steel.	Conformance	5/19/2022 8:38:16 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Bridge drains shall be placed and secured at the locations shown on the plans prior to placement of concrete.		Bridge Drains were observed to be placed in the correct spot.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The concrete on which the bearings are to be placed shall be free of honeycomb.		Concrete under bearings were free of defects.	Conformance	3/16/2022 3:41:02 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The concrete bearing contact surface shall be finished to a level plane with a flatness tolerance of 1/16 inch for bearing seats up to 30 inches, 3/32 inch for bearing seats over 30 inches and under 45 inches, and 1/8 inch for bearing seats over 45 inches as measured using a straight edge placed in any direction across the area.		Bearing surface was finished within tolerance.	Conformance	3/16/2022 3:41:02 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Placement of elastomeric bearing pads or bearing devices on grout pads will not be permitted unless called for on the plans.		Pads were called out on plans, bearings were placed on pads.	Conformance	3/16/2022 3:41:02 PM -06:00	C		Closed
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/19/2022 8:58:06 AM -06:00	Concrete shall be mixed, placed and cured in accordance with Section 601 - Structural Concrete.		Concrete was not being consolidated according to CDOT Spec 601. I spoke with GD (IQC), Carlos (Forman), And contacted JJ (Manager). JJ spoke with Omar (Super attendant) and Omar asked Carlos to start vibrating the Concrete.	Field Resolved	5/19/2022 8:35:26 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Ponds/Basins/Swales	Drainage	5/19/2022 8:58:06 AM -06:00	Thickness per plan is greater than 4", contractor may place material by slip-form or hand method.		Thickness is greater than 4". Concrete was placed via Hand Method.	Conformance	5/19/2022 8:35:26 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The pre-cast concrete panels conformed to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.	Conformance	2/18/2022 7:33:17 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The pre-cast concrete panels shall conform to the requirements shown on the plans and these specifications including the color, texture, dimensions and pattern.		The pre-cast concrete panels conform to the requirements shown on the plans including dimensions and pattern.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman was on site 100 % of the time during panel installation.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman was on the site for 100 percent of the time during which the work is being done.	Conformance	3/31/2022 4:38:34 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman was on the site for 100 percent of the time during which the work is being done.	Conformance	6/13/2022 2:47:13 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foreman shall be on the site for 100 percent of the time during which the work is being done.		The foreman was on the site for 100 percent of the time during which the work is being done.	Conformance	2/3/2022 7:18:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The job site wall foreman shall have experience in construction of at least five transportation related MSE walls within the last three years.		The job site wall foreman has experience in construction of at least five transportation related MSE walls within the last three years.	Conformance	3/31/2022 4:38:34 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The job site wall foreman shall have experience in construction of at least five transportation related MSE walls within the last three years.		The foreman has experience in construction of at least 5 transportation related MSE walls in the past 3 years.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foreman must have prior experience or adequate training on the products that the Contractor elects to use on the project.		The foreman has prior experience and adequate training on the products used on this project.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foreman must have prior experience or adequate training on the products that the Contractor elects to use on the project.		The foreman has prior experience or adequate training on the products that the Contractor elected to use on the project.	Conformance	3/31/2022 4:38:34 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		The foreman must have prior experience or adequate training on the products that the Contractor elects to use on the project.		The foreman has prior experience or adequate training on the products that the Contractor elects to use on the project.	Conformance	2/3/2022 7:18:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		Leveling pad installed per plan.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless specified on the plans, the maximum vertical step shall be no greater than 36 inches. The leveling pad shall be reinforced only at the steps.		The levelling pad had no vertical steps greater than 36" in height, was reinforced at the steps.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		Leveling pad appeared acceptable.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The foundation of the leveling pads shall meet the requirement of subsection 504.11.		Foundation of leveling pad appears acceptable.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		Pad was level within 1/4 inch in 10 foot Straight edge.	Conformance	10/27/2021 7:32:27 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		Level pad was level within 1/4 inch on 10 foot straightedge.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The leveling pad shall be level within the tolerance of ? inch for any two points along the length of a panel, and within ¼ inch for any two points 10 feet apart.		The levelling pad was level within the tolerance of +/- 1/8" for any two points along the length of the panel, and within +/- 1/4 " for any two points 10 ft. apart.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shimming material (plastic shims) were used to support panels directly founded on the levelling pad.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		Cushion or shimming material (expansion joint material, concrete mortar grout, roofing felt, or geosynthetic reinforcement) shall be used to support panels directly founded on the leveling pad.		Shims were used to place panels.	Conformance	7/13/2022 2:54:06 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		No more than 2 shims (each 3/16" thick) were required to level the panels on the leveling pad.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		No more than 2 shims (each 3/16 inch thick) should be required to level the panels on the leveling pad.		Shim placement was acceptable.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Concrete had cured more than 12 hours prior to panel placement.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM -06:00	Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Leveling Pad had been observed cured for at least 12 hours	Conformance	4/5/2022 7:37:55 AM -06:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		Leveling pad concrete shall be cured for at least 12 hours before placement of the concrete panels.		Concrete level pad was placed and cured properly.	Conformance	1/25/2022 6:54:07 AM -07:00	C		Closed
Central 70	C 0704-241	Construct MSE Wall	Walls		For walls that support a roadway, the wall layout line at the leveling pad shall be set back and pre-measured with appropriate batter (5 to 8 percent) from the top of the panels according to the offset with respect to the centerline of the road.		No negative batter was observed in panels placed.	Conformance	1/25/2022 6:54:07 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM -06:00	An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No Negative Batter was observed on the wall panels	Conformance	4/5/2022 7:37:55 AM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		Panels installed had a positive batter.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter between the top and the bottom of the panels was noted.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter measured between the bottom and top of the panel.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Facing Panels	Walls		An overall negative batter (wall face leaning outward) between the bottom and the top of the wall is not allowed.		No negative batter was observed.	Conformance	7/13/2022 2:54:06 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		The final wall face was vertical, no positive or negative batter was measured.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		The final face of the panels was vertical, no positive or negative batter.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		Unless otherwise noted on the plans for battered walls, the final wall face shall be vertical, or have a positive batter of not greater than 5 percent for construction control purpose.		Wall panels installed with correct batter.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Panels placed appeared acceptable.	Conformance	11/3/2021 2:47:43 PM -06:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		The surface of the wall face was checked with a 10' straightedge (Wall Foreman and IQC) laid along the surface in horizontal and vertical directions.	Conformance	11/12/2021 1:41:05 PM -07:00	C		Closed
Central 70	C 0704-241	Facing Panels	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		The surface of the wall face was tested with a 10 ft. straightedge laid on the surface in horizontal and vertical planes, no deviation more than 1/2 inch measured.	Conformance	12/8/2021 7:33:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Construct MSE Wall	Walls		The surface of the wall face shall be tested with a 10 foot straightedge laid along the surface in horizontal and vertical directions. Except as necessary for horizontal alignment of the wall, convex deviation of the wall face from the straightedge (belly wall) shall not be allowed, and concave deviation from the straightedge shall be less than ½ inch.		Surface of wall was tested with 10 foot straightedge. No deviations out of tolerance found.	Conformance	1/25/2022 6:54:07 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Unless otherwise specified, structure excavation shall include all pumping, bailing, draining, and incidentals required for proper execution of the work.		Structure excavation included all pumping, bailing, draining, and incidentals required for proper execution of the work.	Conformance	3/2/2022 7:44:51 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		No unsuitable material was encountered or found for Wall 403 W1.	Conformance	2/2/2022 2:31:53 PM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Unsuitable foundation material shall be removed and wasted in a manner acceptable to the Engineer, and the excavated material will be paid for as structure excavation.		Unsuitable foundation material was removed and wasted in a manner acceptable to the Engineer, and the excavated material was paid for as structure excavation.	Conformance	3/2/2022 7:44:51 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Unsuitable foundation material which is suitable for embankments and suitable surplus excavated material shall be used in the construction of embankments.		Unsuitable foundation material was not encountered.	Conformance	3/2/2022 7:44:51 AM -07:00	C		Closed
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		If asbestos containing material (ACM) is suspected or found, the ACM and the suspected ACM shall be managed in accordance with governing regulations.		No asbestos containing material (ACM) was suspected or found.	Conformance	3/2/2022 7:44:51 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		If asbestos containing material (ACM) is suspected or found, the ACM and the suspected ACM shall be managed in accordance with governing regulations.		No suspected asbestos material was found during excavation.	Conformance	2/2/2022 2:31:53 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Roadway Exc/Embank	Earthwork		Rock, hardpan, or other unyielding material encountered in trenches for culvert pipe or conduit shall be removed below the designed grade for a minimum depth of 12 inches.		Rock, hardpan, or other unyielding material was not encountered during excavation.	Conformance	3/2/2022 7:44:51 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The base of structure backfill shall be scarified to a depth of 6 inches and compacted with moisture and density control prior to placement of any structural element or structure backfill.		The base of the structure was scarified to a minimum of 6 inch depth and compacted with moisture and density control and density prior to placement of any structural element (Wall levelling pad).	Conformance	2/2/2022 2:31:53 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The type of compaction shall be the same as that required for Structure Backfill (Class 2), as specified below.		The type of compaction was the same as that required for Structure Backfill (Class 2).	Conformance	2/2/2022 2:31:53 PM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		The excessive use of water during backfilling operations will not be permitted.		Excessive water was not used during backfill.	Conformance	9/30/2021 7:21:58 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Proper compaction equipment was used.	Conformance	9/30/2021 7:21:58 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Compaction equipment or methods that produce horizontal or vertical earth pressures, which may cause excessive displacement or overturning, or may damage structures, shall not be used.		Compaction equipment and methods did not produce pressures causing excessive displacement or overturning.	Conformance	6/14/2022 7:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Structure was allowed to gain strength prior to backfill.	Conformance	4/4/2022 7:46:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		Structure was allowed to gain adequate strength prior to backfill.	Conformance	9/30/2021 7:21:58 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill material shall not be deposited against newly constructed masonry or concrete structures, until the concrete has developed a compressive strength of 0.8f'c, except in cases where the structures support lateral earth pressure.		CIP wall had developed proper strength prior to backfill.	Conformance	2/7/2022 9:53:30 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Backfill shall consist of approved materials uniformly distributed in layers brought up equally on all sides of the structure.		Approved materials were placed in uniform layers.	Conformance	2/7/2022 9:53:30 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		6" compacted lifts were placed.	Conformance	2/7/2022 9:53:30 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		6" lifts were placed.	Conformance	9/30/2021 7:21:58 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		Backfill was completed in 6" compacted lifts.	Conformance	4/4/2022 7:46:38 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Each layer of backfill shall not exceed 6 inches and shall be compacted to the required density before successive layers are placed.		6" lifts were placed.	Conformance	6/14/2022 7:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 backfill was compacted to at least 95% maximum dry density.	Conformance	6/14/2022 7:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Backfill was compacted to at least 95% Maximum Dry Density.	Conformance	4/4/2022 7:46:38 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Structure backfill (Class 1) shall be compacted to a density of not less than 95 percent of maximum dry density determined in accordance with AASHTO T 180 as modified by CP 23.		Class 1 backfill was compacted to at least 95% of maximum dry density. IQC and PC tested backfill.	Conformance	2/7/2022 9:53:30 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Class 1 backfill was compacted within acceptable moisture content range.	Conformance	2/7/2022 9:53:30 AM -07:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Backfill was compacted within OMC limits.	Conformance	4/4/2022 7:46:38 AM -06:00	C		Closed
Central 70	C 0704-241	Structure Exc/Backfill	Earthwork		Class 1 backfill shall be compacted at ± 2 percent of Optimum Moisture Content (OMC).		Class 1 backfill was compacted within 2% of OMC.	Conformance	6/14/2022 7:48:18 AM -06:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		This work consists of shoring specific areas designated in the Contract.		The shoring is constructed in the specific area designated in the Contract.	Conformance	12/3/2021 3:10:46 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		The Contractor shall locate, size, design, and construct shoring which provides all necessary rigidity, and supports the loads imposed to facilitate construction as shown on the plans.		The Contractor located, sized, designed and constructed shoring which provides all necessary rigidity and supports the loads imposed to facilitate construction as shown on the plans.	Conformance	12/3/2021 3:10:46 PM -07:00	C		Closed
Central 70	C 0704-241	Support of Excavation	Earthwork		Shoring shall be constructed in conformity with the shoring drawings provided to the Engineer.		The shoring is constructed in conformity with the shoring drawings provided to the Engineer.	Conformance	12/3/2021 3:10:46 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		The Contractor has installed PVC/HDPE conduit while completing trenching/excavation work as shown on plan sheets RMP-004 & ITS-009. All work completed in accordance with CDOT standards and specifications.	Conformance	9/2/2022 2:59:35 PM -06:00	C		Closed
Central 70	C 0704-241	Lighting Conduit	Electrical		Electrical conduit that is installed by direct burial methods such as plowing, open trenching, or other excavation methods shall be PVC or HDPE.		Conduit was observed to be HDPE.	Conformance	4/27/2022 11:46:09 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		All removable pull box lids installed per plan sheets ITS-048 & ITS-050 in accordance with CDOT standards and specifications.	Conformance	8/15/2022 11:01:52 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		The Contractor has provided and installed skid resistant pull box lids including "CDOT COMM" and "CDOT POWER" per plan sheets ITS-017 & ITSID-07.	Conformance	8/17/2022 3:27:34 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		The Contractor has installed pull box lids with "CDOT COMM" "CDOT POWER" "EMS MARKER EMBEDDED IN COVER" for locations shown on plan sheets ITS-04 & ITSID-02.	Conformance	9/2/2022 3:13:15 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Pull box removable lids shall be provided with a skid-resistant surface and have the words "CDOT COMM", or "CDOT POWER", as well as "EMS MARKER EMBEDDED IN COVER" and the tier level rating cast into the surface.		The Contractor installed removable lids provided with skid resistant surface and has the words "CDOT COMM" and "EMS Marker Embedded in Cover" with tier level rating cast into the surface. Installed per plan sheet ITS-043 (2465+62.01) and in accordance with all CDOT Standards and Specifications.	Conformance	2/28/2022 7:10:48 PM -07:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Wire mesh shall be installed in to completely surround the box.		The Contractor has installed wire mesh surrounding pull boxes installed on plan sheets ITS-033, ITSID-11, ITSXS-44, in accordance with CDOT standards and specifications.	Conformance	9/2/2022 3:06:06 PM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		The Contractor shall coil an additional 6 feet of tracer wire inside the pull box to ensure that the tracer wire will not disconnect from test points when the lids are removed.		The Contractor shall coil an additional 6 feet of tracer wire inside the pull box to ensure that the tracer wire will not disconnect from test points when the lids are removed. - A minimum of 6 additional feet of tracer wire has been installed in the ITS pull box on plan sheet ITS-029. Installed in accordance with all CDOT standards and specifications.	Conformance	2/16/2022 1:48:09 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	ITS	Electrical		Pull boxes will include base, lid, integrated location disk, integrated test points, arrow symbols, excavation, backfill, concrete apron, wire mesh and 3/4 inch granite-gravel.		All ITS Pull Boxes shown on plan sheets ITS-033 & ITSTP-05 include integrated test points, wire mesh, and 3/4in granite gravel in accordance with CDOT standards and specifications.	Conformance	8/15/2022 11:00:55 AM -06:00	C		Closed
Central 70	C 0704-241	ITS	Electrical		Pull boxes will include base, lid, integrated location disk, integrated test points, arrow symbols, excavation, backfill, concrete apron, wire mesh and 3/4 inch granite-gravel.		The Contractor has installed pull boxes per plan sheets ITS-033, ITSID-11, ITSXS-44, which include lids, location disk, test points, backfill, wire mesh, and gravel. All work completed in accordance with CDOT Standards and Specifications.	Conformance	9/2/2022 3:06:06 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete used was an approved mix, and conformed to 601 Specifications.	Conformance	4/7/2022 3:48:31 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete for precast or cast-in-place shall conform to the requirements of Section 601.		Concrete was mixed tested and placed in conformance with specifications.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Reinforcing steel, unless otherwise noted, shall conform to the requirements of Section 602.		Reinforcing steel used was in conformance with specifications.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10 foot straight edge.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was observed being checked with a 10ft straightedge.	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a 10 foot straightedge, and corrected when necessary.	Conformance	4/7/2022 3:48:31 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		The barrier was checked with a straightedge in the longitudinal direction and was not out of tolerance.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Contractor used a straightedge to verify tolerances.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		A straight edge was used to check tolerances.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straightedge, and corrected when out of tolerance.	Conformance	5/20/2022 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straightedge and corrected where out of tolerance.	Conformance	5/19/2022 8:36:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was observed checked with a straightedge.	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked and corrected with a 10 foot straight edge.	Conformance	5/4/2022 12:46:55 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straightedge and corrected where out of tolerance.	Conformance	7/19/2022 2:14:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Ensure that the barrier is checked with a straightedge in the longitudinal direction and corrected where out of tolerance.		Barrier was checked with a straightedge, and corrected where out of tolerance.	Conformance	7/18/2022 11:16:53 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Where paving is removed or damaged due to the Contractor's operations, the Contractor shall furnish an acceptable mix and shall repair the paving as required, at the Contractor's expense.		The pavement was properly removed for the barrier placement.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		The barrier was placed with slip form methods. Please see attached photos.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Cast in place method was used.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Permanent concrete barrier was constructed by precast Type 7, cast-in-place method.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	4/7/2022 3:48:31 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Type 7 Style CD Barrier was constructed via Slipform.	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Concrete was cast in place.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier Transition was cast in place.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	7/18/2022 11:16:53 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slip formed.	Conformance	7/19/2022 2:14:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	7/29/2022 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed in conformance with specifications.	Conformance	5/4/2022 12:46:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was placed using the slipform method	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slipformed.	Conformance	5/19/2022 8:36:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Permanent concrete barrier may be constructed by precast Type 7, cast-in-place or slipform methods.		Barrier was slip formed.	Conformance	5/20/2022 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Barrier was slipped on an intermediate lift of asphalt.	Conformance	7/29/2022 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The trench for the base of the cast-in-place reinforced barrier end anchorages shall be excavated to the lines and grades shown on the plans or established. The bottom of the trench shall be completed to the density specified in subsection 203.07(a)		Trench was excavated to proper depth, and compacted properly.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was completed in accordance with specifications.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was completed in accordance with 601.12a	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was completed in accordance with specifications.	Conformance	5/20/2022 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was completed in accordance with specifications.	Conformance	5/19/2022 8:36:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		When hand finishing is allowed, it shall be performed in conformance with subsection 601.12(a)		Hand finishing was performed in conformance with specifications.	Conformance	5/4/2022 12:46:55 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	5/4/2022 12:46:55 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	5/19/2022 8:36:54 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a broom finish.	Conformance	5/20/2022 8:01:45 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Barrier surface was observed getting a broom finish	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Barrier received a broom finish.	Conformance	7/29/2022 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	7/19/2022 2:14:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed surfaces received a vertical broom finish.	Conformance	7/18/2022 11:16:53 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		A broom finish was placed on the barrier.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces were given a broom finish.	Conformance	4/13/2022 3:26:46 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Barrier has a vertical broom surface.	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Exposed vertical surfaces of slipformed barrier shall receive a vertical broom finish.		Exposed vertical surfaces received a broom finish.	Conformance	4/7/2022 3:48:31 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		The Contractor IQC furnished an approved 10 foot straightedge and provided an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances were measured in a longitudinal direction. No deviation of any exposed surface in excess of the tolerance specified were measured.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Top edge was checked with a 10 foot straightedge.	Conformance	2/16/2022 11:11:26 AM -07:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		The barrier was installed in accordance with the straightedge requirements. Reference plan sheet RD-018 for area barrier was placed.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		Contractor used straightedge and corrected surfaces to meet tolerance.	Conformance	10/27/2021 8:46:54 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		10 foot straightedge was furnished, and out of tolerance barrier was corrected.	Conformance	7/29/2022 8:10:08 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		The Contractor shall furnish an approved 10 foot straightedge and provide an operator to aid the Engineer in testing the exposed surfaces. All surface tolerances shall be measured in a longitudinal direction. Deviation of any exposed surface in excess of the tolerance specified shall be corrected at the Contractor's expense.		10 Foot straightedge was available on site.	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed
Central 70	C 0704-241	Detours	Maintenance of Traffic (MOT)		Patching will not be allowed to correct out of tolerance barrier.		Patching was not required for the barrier.	Conformance	8/17/2021 10:34:00 AM -06:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Patching will not be allowed to correct out of tolerance barrier.		Patching was not needed, no out of tolerance barrier was observed or noted.	Conformance	3/31/2022 8:17:41 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials was in accordance with ACI 117.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	5/2/2022 8:47:53 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	4/27/2022 11:43:20 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Unless otherwise stated in the plans or specifications, tolerances for concrete construction and materials shall be accordance with ACI 117.		Tolerances for concrete construction and materials were in accordance with ACI 117.	Conformance	5/4/2022 12:47:50 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	5/26/2022 8:14:08 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Kiewit cut out a square section of Drainboard to check for potential plugging previous to the 5/20-5/21 storm. This area was not protected before the weekends storm 5/20-5/21. As seen in the pictures Class 1 material has eroded into the drainboard through spaces in the side and has potentially partially/fully plugged areas of the Drainboard.	Agreed.	6/6/2022 10:49:11 AM -06:00	Audit Comment	This area will be removed and replaced or inspected and repaired, as required, as part of NCR 2855 resolution.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Pavement/Surface Removals	Removal		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		Permanent work completed in area was protected during removals.	Conformance	8/22/2022 8:40:52 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/17/2022 6:51:17 AM - 06:00	CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		on the South West area of the Cover Top, Excessive rainfall on 8/7/22 came off south 46th and brought dirt and debris to collect on the un-backfilled drainboard. This dirt and debris on the drainboard was noticed by CDOT on 8/10/22 and brought to the attention of Chett (Keiwit) during our cover top coordination walk with DPR. It was observed on 8/15/22 that this area was backfilled with lightweight aggregate without the drainboard being cleaned. The aggregate needs to be removed and the drainboard cleaned.	Captured in ENCR 1625	8/23/2022 10:35:45 AM -06:00	NC-2	ENCR 1625 was assigned to this assessment	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		CDOT Standard Specification 107.17 - Contractor's Responsibility for Work. The Contractor shall be responsible for and protect the contract work against injury or damage from all causes whether arising from the execution or nonexecution of the work, including but not limited to action of the elements, traffic, fire, theft, vandalism, or third party negligence, until final written acceptance of the project by the Engineer. The Contractor shall rebuild, repair, restore, or replace all contract work that is injured or damaged prior to final written acceptance at no cost to the Department.		All work was completed and hazards mitigated prior to removal of barrier.	Conformance	9/8/2022 4:31:33 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Bridge deck concrete on superelevation or grade that exceeds 2 percent, shall be placed from the low point upward.		Concrete was placed from the low point upward.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		Deck Placement plan was submitted and approved prior to pour.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		A PCP was submitted prior to deck placement.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		Concrete was placed within the Process Control Plan	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		Concrete followed the Process Control Plan	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementarily	Cover	2/28/2022 9:58:13 AM - 07:00	The Contractor shall prepare a written Process Control Plan (PCP) which defines the process control measures the Contractor will use to ensure the placing, consolidating, and finishing, curing and weather protection of the bridge deck conforms to the Contract requirements. The Contractor shall submit the PCP to the Engineer for written approval before the Pre-pour Conference.		Improper drainage on Cover Top concrete deck along south edge. Slope of Deck prevents water flowing into the Slot Drain. See "Kiewit Deck Pour Process Control Plan", Page 9, Section: Hand Finishing "During Hand finishing operations, special attention will be given to the proper tools and usage of tools to ensure a high-quality finished product meeting the specification and allowing for proper drainage..."	Tracked in NCR	4/4/2022 7:51:55 AM -06:00	NC-2	NCR 2813 was written to address this issue	Closed
Central 70	C 0704-241	Bridge Deck	Structures		A Pre-Placement Conference was held, all required parties were in attendance and the required topics were discussed.		A Pre- Placement Conference was held.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Temperature of Items were observed to conform to Plans and Specs.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Temperature was above 35F	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Tops of girders, precast deck panels, pier caps, and abutments that will come into contact with bridge deck concrete shall be heated to raise the temperature above 35 °F prior to concrete placement.		Bridge formwork and girders were preheated prior to pour.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Concrete shall be placed in such manner as to require as little handling as possible being, as near to final location as practical, placed in such a manner that lateral flow will be minimized, and at sufficient depth to provide adequate material for screeding and finishing operations.		Concrete was placed near to the final location.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		The temperature of Class H, HT, and S50 Concrete immediately before placement shall be a minimum of 55°F and a maximum of 70°F.		Concrete was placed within acceptable temperatures.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The temperature of Class H, HT, and S50 Concrete immediately before placement shall be a minimum of 55°F and a maximum of 70°F.		Concrete temperature was within acceptable range.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Fogging was performed in accordance with specifications.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		If fogging is required by the Engineer, the Contractor shall not allow water to drip, flow, or puddle on the concrete surface during fogging, placement of absorptive material, or at any time before the concrete has achieved final set.		Fogging was done in accordance with specifications.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Concrete was properly consolidated.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Suitable vibrators were used.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Vibrators were observed being used.	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		The Contractor shall provide suitable mechanical vibrators to disperse the batch at the point of discharge and to densify the concrete within the forms.		Vibrators were observed being used.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	A combination of immersion vibration and surface consolidation shall be used.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Cover		A combination of immersion vibration and surface consolidation shall be used.		Surface Consolidation and Immersion Vibration were observed being used.	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Concrete was placed within conformance to Specifications and Plans	Conformance	2/8/2022 3:12:20 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		Concrete was struck off to plan elevation with approved tools.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Following consolidation, the concrete shall be struck off and finished by mechanical longitudinal floating, mechanical rolling, surface vibration, or a combination of any of these methods.		A mechanical Roller and Screed for the overhand were observed on site.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	The drags shall be mounted on a bridge other than the bridge to be furnished for Department use. The dimensions of the drags shall consist of sufficient material and be maintained in such a condition that the resultant surface finish is of uniform appearance and reasonably free from grooves over 1/16 in depth. Where more than one layer of burlap drag is required, the bottom layer shall be approximately 6 inches wider than the layer above. Drags shall be maintained clean and free from encrusted mortar. Drags that cannot be cleaned shall be discarded and new drags installed.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Deck	Structures		2. Water Cure Method. The water cure method shall be applied as soon as it can be without marring the surface. The surface of the concrete, including bridge curbs and bridge sidewalks, shall be entirely covered with wet burlap and polyethylene sheeting. Prior to being placed, the burlap shall be thoroughly saturated with water. The wet burlap and polyethylene sheeting shall extend beyond the edges of the slab and shall be weighted to remain in contact with the surface. The wet burlap and polyethylene sheeting shall remain in contact and be kept wet for the entire curing period.		A Plastic sheeting was observed on the concrete surface with water underneath.	Conformance	6/13/2022 2:46:37 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	1. Membrane Forming Curing Compound Method. This method shall be applied in accordance with subsection 601.16(a)1 above.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		1. Membrane Forming Curing Compound Method. This method shall be applied in accordance with subsection 601.16(a)1 above.		Deck was cured according to membrane forming curing compound method.	Conformance	1/26/2022 8:39:23 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	2. Blanket Method. Curing blankets with a minimum R-Value of 0.5 shall be placed on the deck as soon as they can be without marring the surface. Blankets shall be loosely laid (not stretched) and adjacent edges suitably overlapped with continuous weights along the lapped joints. The blankets shall remain in place for a minimum of five days after placement.		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Concrete Cure	Structures		<p>When the ambient temperature is expected to fall below 40 °F during the curing period, the Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall maintain the internal concrete temperature above 50 °F during the curing period. The Contractor shall provide suitable measures such as straw, additional burlap, or other suitable blanketing materials, and/or housing and artificial heat to maintain the concrete temperatures between 50 °F and 75 °F as measured on the upper and lower surfaces of the concrete. The Contractor shall enclose the area underneath the deck and heat it so that the temperature of the surrounding air is as close as possible to the temperature of the concrete and between 50 °F and 75 °F. When artificial heating is used to maintain the concrete, adequate ventilation shall be provided to limit exposure to carbon dioxide. The Contractor shall maintain the wet burlap and polyethylene cover during the curing period. Heating may be stopped after the first 72 hours if the time of curing is lengthened to account for periods when the ambient air temperature is below 40 °F. For every day the ambient temperature is below 40 °F, an additional day of curing with a minimum ambient air temperature of 50 °F will be required. After completion of the required curing period, the Contractor shall remove the curing and protection so that the temperature of the concrete during the first 24 hours does not fall more than 25 °F.</p>		Concrete was membrane cured in accordance with specifications.	Conformance	11/5/2021 4:44:43 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM - 07:00	<p>Internal concrete temperature shall be determined by using thermocouples. Thermocouple wire, connectors and hand held thermometer shall be supplied by the Contractor. The Contractor shall install the thermocouples at locations designated by the Engineer.</p>		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	UPRR	Railroads		Internal concrete temperature shall be determined by using thermocouples. Thermocouple wire, connectors and hand held thermometer shall be supplied by the Contractor. The Contractor shall install the thermocouples at locations designated by the Engineer.		Thermocouples were placed inside of bridge deck and diaphragms.	Conformance	4/20/2022 3:49:22 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water not used to aid finishing?		IQC was notified that contractor was applying water to deck to aid in finishing. IQC notified the contractor that this was not acceptable and the contractor complied.	Field Resolved	1/13/2022 10:44:21 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Structures		Water not used to aid finishing?		It was observed that Kiewit was using water to aid finishing the surface. it was mentioned to the Kiewit Field Engineer (Abdulla) and it was stopped.	Field Resolved	6/13/2022 2:46:37 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Water not used to aid finishing?		It was observed by IQC and myself that water was used to aid in finishing. IQC notified contractor that this was unacceptable and contractor complied.	Field Resolved	12/13/2021 8:34:30 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was kept to a minimum.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	MSE Moment Slab	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized.	Conformance	12/22/2021 12:47:21 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized wherever possible. The hand finishing methods were addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Minimum hand finishing was performed, light broom finish applied.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized wherever possible. The hand finishing methods are addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized wherever possible.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall be minimized wherever possible. The hand finishing methods shall be addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.		Hand finishing was minimized wherever possible. The hand finishing methods have been addressed in the Process Control Plan for concrete finishing and in compliance with the Plan.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete was in-place for more than 30 minutes or after initial set has begun.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete has been in-place for more than 30 minutes or after initial set has begun.	Conformance	6/13/2022 2:43:45 PM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete had been in-place for more than 30 minutes and before initial set had begun.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was performed before concrete has been in-place for more than 30 minutes, before initial set has begun.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.	Conformance	4/4/2022 7:48:14 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete was in-place for more than 30 minutes or after initial set has begun.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		All hand finishing was performed less than 30 minutes after concrete was in place.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was performed before concrete has been in-place for more than 30 minutes, before initial set has begun.	Conformance	2/24/2022 7:44:29 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was completed before concrete was been in-place for more than 30 minutes, before initial set had begun.	Conformance	2/21/2022 7:39:43 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete has been in-place for more than 30 minutes and before initial set had begun.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was before initial set and appeared acceptable.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing performed within 30 minutes after concrete was placed.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing concrete was not performed until in-place for more than 30 minutes, before initial set had begun.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		No hand finishing was performed after 30 minutes from concrete placement, and prior to initial set.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not allowed after concrete has been in-place for more than 30 minutes or after initial set has begun.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cap Beams	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was not performed after concrete was in-place for more than 30 minutes or when initial set had begun.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was completed within allowable timeframes.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Hand finishing shall not be allowed after concrete has been in-place for more than 30 minutes or when initial set has begun.		Hand finishing was performed within 30 on concrete being placed.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were not made of aluminum.	Conformance	12/14/2021 10:58:55 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Finishing tools made of aluminum shall not be used.		No aluminum tools were used.	Conformance	11/5/2021 4:46:05 PM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were steel or wood.	Conformance	12/6/2021 12:39:49 PM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools made of aluminum were not used.	Conformance	5/25/2022 11:43:33 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were made of wood or fiberglass.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Finishing tools made of aluminum shall not be used.		Finishing tools are made of magnesium.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were made of wood or magnesium.	Conformance	12/27/2021 7:43:08 AM -07:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were stainless steel.	Conformance	12/22/2021 7:48:06 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Finishing tools made of aluminum shall not be used.		Finishing tools appeared acceptable.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		Finishing tools made of aluminum shall not be used.		Finishing tools were made of stainless steel or wood.	Conformance	4/18/2022 7:45:30 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Wall	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools were made of stainless steel or wood.	Conformance	2/14/2022 10:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools made of aluminum were not used, stainless steel or wood trowels and floats.	Conformance	3/21/2022 7:55:10 AM -06:00	C		Closed
Central 70	C 0704-241	Curb & Gutter	Roadway		Finishing tools made of aluminum shall not be used.		Finishing tools made of steel or wood/fiberglass.	Conformance	3/23/2022 8:33:08 AM -06:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		Finishing tools made of aluminum shall not be used.		Finishing tools made of aluminum were not used.	Conformance	3/25/2022 12:53:24 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Finishing tools made of aluminum shall not be used.		Finishing tools made of aluminum were not used.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	F/P/S Cap	Walls		Finishing tools made of aluminum shall not be used.		Finishing tools made of aluminum were not used.	Conformance	6/27/2022 8:30:13 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulating blankets were used.	Conformance	1/13/2022 10:43:52 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Heater and thermal blankets were used after curing compound was applied.	Conformance	1/19/2022 10:49:40 AM -07:00	C		Closed
Central 70	C 0704-241	Concrete Cure	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Sufficient equipment was provided to maintain proper temperatures for concrete cure.	Conformance	11/5/2021 4:44:43 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Insulating blankets were used in an acceptable manner.	Conformance	10/19/2021 10:10:07 AM -06:00	C		Closed
Central 70	C 0704-241	Approach Slabs	Structures		Sufficient equipment shall be supplied to continuously maintain the specified temperature uniformly in all parts of the enclosure. Insulated blankets on top of the bridge deck and freely circulated artificial heat below the deck will be permitted.		Blankets and heaters were provided for pour.	Conformance	12/13/2021 8:36:50 AM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete is being cured in accordance with section 601.13		Concrete cure appeared acceptable.	Conformance	10/19/2021 10:10:07 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete is being cured in accordance with section 601.13		Concrete cure was acceptable.	Conformance	10/19/2021 10:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete is being cured in accordance with section 601.13		Concrete is being cured in accordance with section 601.13.	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete is being cured in accordance with section 601.13		Concrete was cured in accordance with Section 601.13.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete is being cured in accordance with section 601.13		Concrete cure appeared acceptable.	Conformance	1/19/2022 10:49:40 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete is being cured in accordance with section 601.13		Curing compound was observed being placed on concrete surface.	Conformance	4/7/2022 12:23:20 PM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover	2/2/2022 12:00:00 AM -07:00	Concrete is being cured in accordance with section 601.13		Concrete was placed within Conformance to Plans and Specifications	Conformance	2/2/2022 11:26:28 AM -07:00	C		Closed
Central 70	C 0704-241	Barrier Walls	Roadway		Concrete is being cured in accordance with section 601.13		Curing Solution was observed being applied to Barrier	Conformance	4/28/2022 9:09:57 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	F/P/S Wall	Walls		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with the Specifications for the curing period.	Conformance	4/18/2022 7:46:17 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperatures were maintained with heaters and thermal blankets.	Conformance	1/19/2022 10:49:40 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Curing blankets were used.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Insulating blankets were used to maintain heat.	Conformance	1/13/2022 10:43:52 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temperature was maintained in accordance with the specifications for the curing period, blanketed immediately after finishing completed.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Temperatures were acceptable for curing method used.	Conformance	10/19/2021 10:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete was protected from low temperatures.	Conformance	10/19/2021 10:10:07 AM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete temperature maintained in accordance with the Specifications for the curing period		Concrete temporary was maintained in an acceptable manner.	Conformance	10/15/2021 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete cured by an approved method		Concrete curing was acceptable.	Conformance	10/15/2021 1:53:13 PM -06:00	C		Closed
Central 70	C 0704-241	Substructure	Cover		Concrete cured by an approved method		Insulating blankets were used.	Conformance	10/19/2021 10:10:07 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Substructure	Cover		Concrete cured by an approved method		Concrete cure was acceptable.	Conformance	10/19/2021 10:10:48 AM -06:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		Concrete cured by an approved method		Concrete was cured by an approved method.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed
Central 70	C 0704-241	UPRR	Railroads		Concrete cured by an approved method		The concrete is being cured by an approved method (curing compound and blankets).	Conformance	11/5/2021 9:37:21 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete cured by an approved method		Curing compound and thermal blankets were used.	Conformance	1/13/2022 10:43:52 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete cured by an approved method		Curing compound was applied at an acceptable rate and thermal blankets were placed.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		Concrete cured by an approved method		Concrete cure was approved method.	Conformance	1/19/2022 10:49:40 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was applied.	Conformance	1/19/2022 10:49:40 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound appeared to have been applied at an acceptable rate for uniform cover of the concrete was achieved.	Conformance	1/13/2022 10:43:52 AM -07:00	C		Closed
Central 70	C 0704-241	Bridge Deck	Cover		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was applied at proper rate.	Conformance	1/13/2022 10:44:21 AM -07:00	C		Closed
Central 70	C 0704-241	Cap Beams	Walls		If curing compound is used it is applied at a proper rate and is an approved material		Curing compound was applied at proper rate and is approved material.	Conformance	11/15/2021 2:08:11 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/9/2022 6:20:16 AM - 06:00	Measurement shall be made using a mandrel, laser profile, or other method approved by the Engineer. Measurement shall be made 30 days or more following the pipe installation.		It appears that the roof drain outfall pipe has a high point in the line that will prevent positive drainage. The footer installation under the pipe may have caused this. Please verify that the roof will drain.	Addressed	8/15/2022 5:02:07 PM -06:00	Audit Comment	This is an existing pipe that was found this way when excavated. KIC will be making adjustments to ensure positive slope before pouring the walls it is sleeved through and backfilling.	Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		All hazards behind barrier were removed prior to opening to traffic.	Conformance	7/19/2022 2:12:51 PM -06:00	C		Closed
Central 70	C 0704-241	Remove Temporary Barrier	Maintenance of Traffic (MOT)		Existing guardrail/barrier wall shall not be removed unless the need for the guardrail/barrier wall has been eliminated or the hazard has been protected or delineated.		Barrier was not removed until all hazards behind barrier were removed.	Conformance	7/19/2022 2:12:16 PM -06:00	C		Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Area shown in photos is in the shoulder, does not match jointing plans. Joint should have been milled at a 90 degree angle to pavement at inlet.	Captured as part of NCR 1561	6/27/2022 2:50:02 PM -06:00	Audit Comment	With the transverse joint being in the shoulder KIC will leave as is. SMA will be the final lift and will follow the appropriate joint plan for mainline paving.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		In every pavement layer the longitudinal joints were not constructed in the wheel paths.	Conformance	6/21/2022 7:47:19 AM -06:00	C		Closed
Central 70	C 0704-241	SMA	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were not constructed in the wheel paths.	Conformance	8/11/2021 7:48:56 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		In every pavement layer the longitudinal joints shall not be constructed in the wheel paths.		Longitudinal joints were not constructed in the wheel paths.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		String line was used and painted to delineate wheel paths.	Conformance	3/7/2022 12:50:51 PM -07:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		The Contractor shall use a continuous string line to delineate every longitudinal joint during paving operations.		Crew stringed lined longitudinal joints during paving operation.	Conformance	11/12/2021 1:40:12 PM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	12/1/2021 10:27:27 AM -07:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt paver was used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	12/1/2021 7:45:09 AM -07:00	C		Closed
Central 70	C 0704-241	SX	Roadway	8/16/2021 9:02:22 AM -06:00	Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	8/16/2021 7:31:56 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	SX	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	9/7/2021 9:52:19 AM -06:00	C		Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Asphalt pavers were used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.	Conformance	9/30/2021 7:23:53 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Final Surface does not drain along the ADA ramp on the south east side of Columbine	Agreed	8/17/2022 9:57:55 AM -06:00	NC-2	NCR 2921 was written	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Final Pavement is 2" below the ADA ramp on the South East corner of Columbine	Agreed	8/17/2022 9:57:01 AM -06:00	NC-2	NCR 2921 was written	Closed
Central 70	C 0704-241	HMA	Roadway		Asphalt pavers shall be used to distribute the mixture to the established grade and required thickness over the entire width or partial width as practicable.		Pavers were used to distribute mix.	Conformance	9/8/2022 4:30:55 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Concrete shall conform to requirements of Section 601.		Concrete conformed to requirements of Section 601.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed
Central 70	C 0704-241	Sign Structures	Signing & Striping		Reinforcing steel shall conform to the requirements of Section 602.		Reinforcing steel conformed to the requirements of Section 602.	Conformance	5/2/2022 8:46:59 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	614.04- Sign Panels- Sign panel materials shall conform to Section 713 and to the details shown on the plans. Sign panels shall be produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design shall conform to the "Standard Highway Signs' published by FHWA.		Sign panel materials conform to Section 713 and to the details shown on the plans. Sign panels were produced in accordance with the retroreflective sheeting manufacturers recommendations. Layout and font design conforms to the "Standard Highway Signs' published by FHWA.	Conformance	8/3/2021 3:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	1. Illumination. Verify if sign illumination is required.		No sign illumination is required.	Conformance	8/3/2021 3:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	2. Sign Panels. Check for correct type and size of panels. Verify if modifications to existing sign legends are required. Inspect for cleanliness and general appearance.		Sign panel was dirty, scratched, and bottom corners of panels (retroreflective sheeting) were peeled back from being stored in yard resting on the ground.	Response is adequate.	9/17/2021 6:23:01 PM -06:00	Audit Comment	KIC and IQC have a sign tracking sheet for issues like peeling letters and damage to reflectivity sheeting. These signs will be tracked and punch listed.	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	3. Angular Placement. Inspect the angle of sign placement to the roadway for compliance.		Inspected the angle of sign placement to the roadway, in compliance.	Conformance	8/3/2021 3:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	4. Height and Clearance. Check for proper height above edge of traveled way and proper vertical and horizontal clearance of sign panel.		Checked sign panel for proper height above edge of traveled way and proper vertical and horizontal clearance, in compliance.	Conformance	8/3/2021 3:54:16 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Signal Conduit	Electrical		The supports for traffic signals have a substructure component constructed of concrete, a superstructure component constructed of structural steel, and an electrical system component. The substructure is designed to provide support from structurally stable soil. It is important to examine the proposed location for acceptability and inspect the soil conditions to ensure they are as described in the notes in the Contract.		Substructure component appeared to have been placed per plans and specifications.	Conformance	9/8/2022 4:30:18 PM -06:00	C		Closed
Central 70	C 0704-241	Signal Conduit	Electrical		2. Mast Arm. In mast-arm installations, the substructure is typically a drilled caisson with anchor bolts projecting from the top of the caisson. It is essential that the anchor bolts are accurately located, have the proper orientation, and project from the top of the caisson the specified length. The pole of the superstructure is connected to the anchor bolts of the substructure using bolted connections. Bolted connections are also used to connect the mast arm to the pole of the superstructure. It is important that all bolts are tightened as specified without over tightening and without gaps or spaces between connection plates.		Mast Arm installation appeared to be acceptable and per plans.	Conformance	9/8/2022 4:30:18 PM -06:00	C		Closed
Central 70	C 0704-241	Signal Conduit	Electrical		4. Utilities. Verify that the Contractor has staked known utility locations, resolved utility conflicts, and coordinated any needed adjustments or relocations.		Existing utilities were located prior to excavation for the foundation.	Conformance	9/8/2022 4:30:18 PM -06:00	C		Closed
Central 70	C 0704-241	Signal Conduit	Electrical		1. Conductors. Verify that the correct number of active and spare conductors has been provided. Ensure that the end of each run is taped until connected. Do not permit the splicing of conductors outside of specified areas (e.g., pull boxes, handhole locations).		Conductors installed appeared to be per plans.	Conformance	9/8/2022 4:30:18 PM -06:00	C		Closed
Central 70	C 0704-241	Signal Conduit	Electrical		2. As-Constructed Plans. Verify that the Contractor has furnished the required As Constructed Plans.		As built data was taken by survey and indicated layout was acceptable.	Conformance	9/8/2022 4:30:18 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.1 Installation		Contractor is in compliance with the requirements in section 3.1,C; Adjust supports for fans and sound attenuators, such that they align accurately on the same horizontal plane. The Contractor shall attach sound attenuators to each end of the fan housing prior to lifting the jet fan assembly to the tunnel ceiling for installation.	Conformance	6/23/2022 3:38:48 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		1.4 Quality Assurance		Contractor is in compliance with the following requirement from section 1.4, A. Installation of equipment shall be performed by persons having experience installing that equipment. The contractor shall submit the resumes of personnel performing the installation for approval by the Engineer of Record. Substitutions shall not be allowed once the list has been approved by Engineer of Record. 1. If a person on the list is no longer available, the contractor shall submit the resume of the replacement person for the Engineer of Record's approval. The replacement person shall not work on the installation until the person has been approved by the Engineer of Record.	Conformance	8/31/2022 2:20:04 PM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		1.6 Product Delivery, Storage and Handling		Contractor was in compliance with the requirement from section 1.6, A. Equipment shall be handled and stored in accordance with manufacturer's instructions.	Conformance	8/31/2022 2:20:04 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		2.2 Materials		<p>Contractor is in compliance with the the following requirement from section 2.2, A.All materials, equipment, and devices shall, as a minimum, meet the requirements of UL where UL standards are established for those items, and the requirements of NEC. All equipment and materials provided shall be new.</p> <p>Tunnel telephones shall be installed in enclosures that protect the telephones from inadvertent contact and the tunnel environment. The telephone instrument and enclosure shall be as manufactured by Gaitronics, auto dial type, model number 227-001, or approved equal.</p>	Conformance	8/31/2022 2:20:04 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 General		Contractor is in compliance with the requirements from section 3.1, Installation shall comply with ANSI, IEEE, NEMA, IEC, AT&T where applicable, the manufacturer's instructions, and the requirements specified herein. Install conduits and raceways in accordance with manufacturer's recommendations, Section 260526 "Grounding and Bonding for Electrical Systems" and Section 260533 "Raceways and Boxes for Electrical System", and as shown on the Contract Drawings.	Conformance	8/31/2022 2:20:04 PM -06:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover	6/22/2022 2:28:51 PM - 06:00	3.1 General		Contractor indicated that the NEMA 4 junction box containing the telephone does not need to be grounded as per the PA requirements Section 260526 "Grounding and Bonding for Electrical Systems". Contractor indicated that insulated bushings and they will insulate sharp edges within enclosure to protect phone wiring from potential damage to meet the PA requirements for Section 260533 "Raceways and Boxes for Electrical System"	Added to punchlist and addressed in the field	7/29/2022 8:13:27 AM -06:00	Audit Comment	To address these issues, Sturgeon has been directed add edge guard to protect the telephone cable with in the cabinet.	Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 General		Contractor appeared to be in compliance with the following requirements for section 3.1 A. B. COLORADO DEPARTMENT OF TRANSPORTATION CUSTOM SPECIAL PROVISION SECTION 271300 TUNNEL TELEPHONE SYSTEM 06/07/19 – RELEASE FOR CONSTRUCTION Revision 0, June 7, 2019 Installation shall comply with ANSI, IEEE, NEMA, IEC, AT&T where applicable, the manufacturer’s instructions, and the requirements specified herein. Install conduits and raceways in accordance with manufacturer’s recommendations, Section 260526 “Grounding and Bonding for Electrical Systems” and Section 260533 “Raceways and Boxes for Electrical System”, and as shown on the Contract Drawings.	Conformance	5/19/2022 8:31:22 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.3 Installation		Contractor appeared to be in compliance with the following requirements from section 3.3 Make splices, taps, and terminations only at indicated outlets, terminals, cross connects, and patch panels. 1. Use splice and tap connectors compatible with media types. 2. Splices shall be made in accordance with the splice manufacture's published instructions. 3. Splices at the tunnel telephones shall be appropriate for the type of cable that is installed.	Conformance	5/19/2022 8:31:22 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.3 Installation		Contractor is in compliance with the following requirement from section 3.3, A. All wiring will be installed in accordance with NFPA 1221	Conformance	8/31/2022 2:20:04 PM -06:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		2.3 Valves		Fire Hose Valve was installed per typical sections.	Conformance	11/29/2021 1:30:27 PM -07:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		3.1 Installation		FHV and internal components of cabinet were installed per plan.	Conformance	11/29/2021 1:30:27 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Suppression System	Fire & Life Safety		3.1 Installation		Followed the lines and grade of the plans.	Conformance	11/12/2021 1:38:53 PM -07:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		3.4 Field Quality Control		Initial installation of link seal was not per manufacturer recommendation, however PC identified and coordinated with production to reinstall system properly prior to hold point inspection.	Conformance	11/29/2021 1:30:27 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM -07:00	1.3 Quality Assurance		Contractor did not submit this box for approval of EOR prior to installing.	Updated accordingly	2/28/2022 7:26:42 AM -07:00	Audit Comment	See submittal C70-SECO-SYC-SHD-000021 This is the correct submittal. the latest revised submittal with the same number has the info.	Closed
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM -07:00	1.4 Submittals		Contractor needs to submit information for the junction box at RIO 2.	Updated accordingly	2/28/2022 7:26:46 AM -07:00	Audit Comment	See submittal C70-SECO-SYC-SHD-000021 This is the correct submittal. the latest revised submittal with the same number has the info.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		1.4 Submittals		Contractor was in compliance with the following requirement;1.4 A. Manufacturer's data which clearly indicates that the proposed material or equipment complies with Contract Specification requirements shall be submitted for: 1. Conduit 2. Conduit fittings 3. Cable tray 4. Pull boxes 5. Junction boxes	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		1.5 Product Delivery, Storage and Handling		Contractor was in compliance with the following requirement; A. Equipment shall be handled and stored in accordance with manufacturer's instructions	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		1.5 Product Delivery, Storage and Handling		Contractor is in compliance with the following requirements: A. Equipment shall be handled and stored in accordance with manufacturer's instructions. B. One (1) copy of these instructions shall be included with the equipment at time of shipment. C. Equipment unloading, handling, storage, and installation instructions shall be included with the packaging in such a manner that it can be easily located and accessed before unloading the equipment. D. Damaged or defective items shall be replaced with new items at no additional cost to the owner. The Contractor is to note the limited on-site storage area. E. All conduits or couplings shall be received with color coded plastic thread protectors	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	1.5 Product Delivery, Storage and Handling		Material, delivery and storage appears acceptable.	Conformance	12/22/2021 12:40:40 PM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		1.5 Product Delivery, Storage and Handling		<p>The contractor is in compliance with the following requirements: 1.5 PRODUCT DELIVERY, STORAGE AND HANDLING</p> <p>A. Equipment shall be handled and stored in accordance with manufacturer's instructions.</p> <p>B. One (1) copy of these instructions shall be included with the equipment at time of shipment.</p> <p>C. Equipment unloading, handling, storage, and installation instructions shall be included with the packaging in such a manner that it can be easily located and accessed before unloading the equipment.</p> <p>D. Damaged or defective items shall be replaced with new items at no additional cost to the owner.</p> <p>The Contractor is to note the limited on-site storage area.</p>	Conformance	1/27/2022 9:22:49 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ventilation	Fire & Life Safety		1.5 Product Delivery, Storage and Handling		<p>Contractor is in compliance with the following requirements:</p> <ul style="list-style-type: none"> A. Equipment shall be handled and stored in accordance with manufacturer's instructions. B. One (1) copy of these instructions shall be included with the equipment at time of shipment. C. Equipment unloading, handling, storage, and installation instructions shall be included with the packaging in such a manner that it can be easily located and accessed before unloading the equipment. D. Damaged or defective items shall be replaced with new items at no additional cost to the owner. The Contractor is to note the limited on-site storage area. E. All conduits or couplings shall be received with color coded plastic thread protectors. 	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.1 Manufacturers		Contractor has installed equipment that was approved by EOR as per the following requirement; 2.1 A.Subject to compliance with the requirements specified and as approved by the Engineer of Record.	Conformance	1/27/2022 9:22:49 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		2.1 Manufacturers		Products being utilized are approved as per the following requirement; Subject to compliance with the requirements specified and as approved by the Engineer of Record	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		2.1 Manufacturers		Contractor was in compliance with the following requirement; 2.1 (A)1.Subject to compliance with the requirements specified and as approved by the Engineer of Record.	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Products		Contractor was in compliance with the following requirement; 2.2 (A) 1. Raceways a. Extra heavy wall (XHW) Phenolic Conduit – as manufactured by FRE Composites, or Champion Fiberglass, low smoke/high temperature application, phenolic type conduit.	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Products		RIO cabinets installed comply with the following requirements; (L)1.Within Tunnel: Pull boxes and junction boxes shall be phenolic or 316 stainless steel, as indicated on the Contract Drawings. Boxes within the tunnel shall be NEMA 4X. Sizes shall be as shown on the Contract Drawings and where not shown, boxes shall be sized to meet the NEC. For metallic boxes, minimum steel thickness shall be 14 gauge. All pull boxes and junction boxes connected to phenolic conduit shall be constructed from type 316 stainless steel or from phenolic/fiberglass unless otherwise indicated.	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Products		Conduits installed comply with the following requirement; Extra heavy wall (XHW) Phenolic Conduit – as manufactured by FRE Composites, or Champion Fiberglass, low smoke/high temperature application, phenolic type conduit.	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		2.2 Products		Contractor is installing the correct materials as per the following requirement; A-2-Hour Fire Rated Assembly Raceway (All systems requiring a 2-Hour Fire Rated Assembly with raceways installed exposed in the tunnels): 1. Raceways a. Extra heavy wall (XHW) Phenolic Conduit – as manufactured by FRE Composites, or Champion Fiberglass, low smoke/high temperature application, phenolic type conduit.	Conformance	1/27/2022 9:22:49 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	2.2 Products		Material being installed appears to comply with these requirements.	Conformance	12/22/2021 12:40:40 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Ventilation	Fire & Life Safety		2.2 Products		Contractor is in compliance with the following requirement; Raceways a. Extra heavy wall (XHW) Phenolic Conduit – as manufactured by FRE Composites, or Champion Fiberglass, low smoke/high temperature application, phenolic type conduit.	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.1 General		Contractor is in compliance with the following requirements: Provide all material, equipment, and labor to install the electrical raceway systems as indicated and as specified. Perform work in accordance with the all applicable codes. Conduit less than 3/4 inches trade size shall not be used unless otherwise noted on the Contract Drawings. Conduit shall not be attached to the tunnel liner, fire proofing panels, or tunnel wall unless shown on the Contract Drawings.	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	3.1 General		Contractor appear to be in compliance with the requirements of this section .	Conformanc e	12/22/2021 12:40:40 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.1 General		Electrical installation appears acceptable per the following requirements: 3.1 A.Provide all material, equipment, and labor to install the electrical raceway systems as indicated and as specified. Perform work in accordance with the all applicable codes. Conduit less than 3/4 inches trade size shall not be used unless otherwise noted on the Contract Drawings. Conduit shall not be attached to the tunnel liner, fire proofing panels, or tunnel wall unless shown on the Contract Drawings.	Conformanc e	1/27/2022 9:22:49 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		3.1 General		Contractor is in compliance with the following requirements; Provide all material, equipment, and labor to install the electrical raceway systems as indicated and as specified. Perform work in accordance with the all applicable codes. Conduit less than 3/4 inches trade size shall not be used unless otherwise noted on the Contract Drawings. Conduit shall not be attached to the tunnel liner, fire proofing panels, or tunnel wall unless shown on the Contract Drawings. Raceway, equipment, and other supports that are custom engineered shall not be installed unless shown on a submitted shop drawing stamped by a Professional Engineer registered in the State of Colorado.	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		3.1 General		Contractor was in compliance with the following requirement;3.1(E) Raceway, equipment, and other supports that are custom engineered shall not be installed unless shown on a submitted shop drawing stamped by a Professional Engineer registered in the State of Colorado	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 General		Contractor is in compliance with the following requirements:Provide all material, equipment, and labor to install the electrical raceway systems as indicated and as specified. Perform work in accordance with the all applicable codes. Conduit less than 3/4 inches trade size shall not be used unless otherwise noted on the Contract Drawings	Conformance	3/23/2022 8:28:42 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Equipment		Contractor is in compliance with the following requirement; All equipment used for raceway and box installation shall be checked regularly to ensure that it is good working condition.	Conformance	3/23/2022 8:28:42 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		3.2 Equipment		Contractor was in compliance with the following requirement, 3.2 (A)All equipment used for raceway and box installation shall be checked regularly to ensure that it is good working condition.	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.2 Equipment		Equipment is checked and verified that it is in working order as per the following requirement; All equipment used for raceway and box installation shall be checked regularly to ensure that it is good working condition.	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.2 Equipment		Material installed appeared to be in good working order as per the following requirement; 3.2 A. All equipment used for raceway and box installation shall be checked regularly to ensure that it is good working condition.	Conformance	1/27/2022 9:22:49 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	3.2 Equipment		Equipment appeared to be in good working condition.	Conformance	12/22/2021 12:40:40 PM -07:00	C		Closed

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Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.2 Equipment		Contractor is in compliance with the following requirement: All equipment used for raceway and box installation shall be checked regularly to ensure that it is good working condition.	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed
Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.3 Installation		Contractor is in compliance with the following requirements: 1. Install exposed raceways parallel or at right angles to walls and ceiling beams. Make changes in directions with bends, elbows, and pull boxes as specified. Space parallel runs uniformly throughout. Secure in place by specified hangers and fasteners. Ground raceways by connection to grounded enclosures or by bonding, to obtain permanent low resistance path to ground throughout installation. Raceway sections in single run and parallel runs must be of same type and finish. 2. All empty conduits shall be provided with pull strings. 3. Conduit Support: Support conduit by pipe straps, wall brackets, hangers, or ceiling trapeze. Fasten by wood screws to wood; by	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed



toggle bolts on hollow masonry units; by concrete inserts or expansion bolts on concrete or brick; by machine screws, welded threaded studs, or spring-tension Clamps on steel work. Threaded C-Clamps may be used on rigid steel conduit only. Do not weld conduits or pipe straps to steel structures. The load applied to fasteners shall not exceed one-fourth of the proof test load. Fasteners attached to concrete ceiling shall be vibration and shock resistant. Holes cut to a depth of more than 1-1/2 inches in reinforced concrete beams or to a depth of more than 3/4 inch in concrete joints shall not cut the main reinforcing bars. Fill holes that are not used. In partitions of light steel construction, use sheet-metal screws. In suspended-ceiling construction, run conduit above the ceiling. Do not support conduit from the ceiling support system. Spring steel fasteners may be used for lighting branch circuit conduit supports in suspended ceiling in



							dry locations. Where conduit crosses building expansion joints provide a suitable watertight expansion fitting that maintains the conduit electrical continuity by bonding jumpers or other means.					
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	3.3 Installation		Installation appears to comply with the requirements of this section.	Conformance	12/22/2021 12:40:40 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.3 Installation		The electrical installation appears to meet the following requirements: 3.3 A. Installation of Fittings 1. Install expansion fittings wherever conduits cross structural expansion joints. Keep fittings in line with conduit. Install fitting with regard to temperature so that full working range of expansion, as indicated, is available, and in accordance with manufacturer's recommendations. 2. Do not install short radius fittings to replace elbows and pull boxes, unless space or other problems make use of fittings necessary. If used, provide oversize fittings in order to maintain proper bending radius of wire or cable.	Conformance	1/27/2022 9:22:49 AM -07:00	C		Closed



3. Terminate ends of floor conduits installed for future use with couplings and removable plugs set flush with finished floor surface. Cap spare wall conduits at wall entrance to building.

4. Equip ends of conduits with matching conduit fittings. Fit conduits terminating at power distribution equipment or in box above or below, with grounding type bushings, or solidly ground by locknuts. Connect each grounding bushing to ground bus by a bare or green- covered copper wire. Do not use ground wire smaller than No. 12 AWG. Install ground wire larger than No. 12 AWG when required by the NEC. Where conduits terminate in unprotected areas or where bonding is required over an expansion joint or flexible conduit, use ground wires No. 6 AWG copper or larger.

5. In wet or damp locations, terminate conduits entering sheet-metal boxes or sheet-metal equipment enclosures with gaskets using connectors and/or



Central 70	C 0704-241	Electrical	Cover		3.3 Installation	hubs having gaskets	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed
						<p>Contractor is in compliance with the following requirements:</p> <ol style="list-style-type: none"> 1. Install expansion fittings wherever conduits cross structural expansion joints. Keep fittings in line with conduit. Install fitting with regard to temperature so that full working range of expansion, as indicated, is available, and in accordance with manufacturer's recommendations. 2. Do not install short radius fittings to replace elbows and pull boxes, unless space or other problems make use of fittings necessary. If used, provide oversize fittings in order to maintain proper bending radius of wire or cable. 3. Terminate ends of floor conduits installed for future use with couplings and removable plugs set flush with finished floor surface. Cap spare wall conduits at wall entrance to building. 4. Equip ends of conduits with matching conduit fittings. Fit conduits terminating at power distribution 					



							<p>equipment or in box above or below, with grounding type bushings, or solidly ground by locknuts. Connect each grounding bushing to ground bus by a bare or green- covered copper wire. Do not use ground wire smaller than No. 12 AWG. Install ground wire larger than No. 12 AWG when required by the NEC. Where conduits terminate in unprotected areas or where bonding is required over an expansion joint or flexible conduit, use ground wires No. 6 AWG copper or larger.</p> <p>5. In wet or damp locations, terminate conduits entering sheet-metal boxes or sheet-metal equipment enclosures with gaskets using connectors and/or hubs having gaskets.</p>					
Central 70	C 0704-241	Electrical	Cover		3.3 Installation		<p>Contractor was in compliance with the following requirement; 3.3(B) 9. Install fittings to match raceway being used.</p>	Conformanc e	12/10/2021 1:51:04 PM -07:00	C		Closed



Central 70	C 0704-241	Building	Cover		3.3 Installation		Contractor is in compliance with the following requirements;1. Install expansion fittings wherever conduits cross structural expansion joints. Keep fittings in line with conduit. Install fitting with regard to temperature so that full working range of expansion, as indicated, is available, and in accordance with manufacturer's recommendations. 2. Do not install short radius fittings to replace elbows and pull boxes, unless space or other problems make use of fittings necessary. If used, provide oversize fittings in order to maintain proper bending radius of wire or cable. 3. Terminate ends of floor conduits installed for future use with couplings and removable plugs set flush with finished floor surface. Cap spare wall conduits at wall entrance to building.	Conformance	3/23/2022 8:28:42 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	4/18/2022 10:48:27 AM -06:00	3.3 Installation		Junction box installed is in contact with a dissimilar metal. 2017 NEC section 344.14 Dissimilar	In ENCR 1555	8/15/2022 5:04:50 PM -06:00	NC-2	ENCR 1555 was developed to address this NC2	Closed



Metals. Where practicable, dissimilar metals in contact anywhere in the system shall be avoided to eliminate the possibility of galvanic action. Contractor is not in compliance with the following requirements
P.A. 260533, 3.2, B and E: B. Comply with NECA 1 and NECA 101 for installation requirements except where requirements on Drawings or in this article are stricter. Comply with NECA 102 for aluminum conduits. Comply with NFPA 70 limitations for types of raceways allowed in specific occupancies and number of floors.
E. Keep raceways at least 6 inches (150 mm) away from parallel runs of flues and steam or hot-water pipes. Install horizontal raceway runs above water and steam piping.
I notified contractor of the violation and the contractor placed electrical tape around the pipe verse relocation of the box to run over water and prevent contact with dissimilar metal. Electrical tape is not an acceptable manufactured



Project Construction Assessments Overview as of September, 2022

							product for this application and horizontal conduit installed is not above the water line as per PA requirements.					
Central 70	C 0704-241	Building	Cover		3.4 Field Tests		<p>Contractor is in compliance with the following requirements:</p> <ol style="list-style-type: none"> 1. Raceways are supported on appropriate independent supports (i.e., not on piping, pipe ways, or piping hangers). 2. Exposed raceways are run in a neat workmanlike manner, parallel or perpendicular to structural members. 3. Raceways are routed as far away from possible fire hazards and heat sources as practical. 4. Raceways are supported at the required intervals. 5. Pull boxes and fittings are installed so that covers are easily removable. Verify that covers are installed and tightly bolted with gaskets provided where needed. 6. Number of bends in the raceway does not exceed 270 degrees without a pull box installed. 7. Circular cross sectional area is uniform at conduit bends. Single bends do not exceed 90 	Conformance	3/23/2022 8:28:42 AM -06:00	C		Closed



							degrees. 8. Conduits are terminated in threaded hubs or bushings to prevent damage to wire. 9. Raceway joints are tight.					
Central 70	C 0704-241	Electrical	Cover		3.4 Field Tests		Install appeared to be in compliance with the check list in this section.	Conformance	12/10/2021 1:51:04 PM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.4 Field Tests		Contractor is in compliance with the following requirements; 1. Raceways are supported on appropriate independent supports (i.e., not on piping, pipe ways, or piping hangers). 2. Exposed raceways are run in a neat workmanlike manner, parallel or perpendicular to structural members. 3. Raceways are routed as far away from possible fire hazards and heat sources as practical. 4. Raceways are supported at the required intervals. 5. Pull boxes and fittings are installed so that covers are easily removable. Verify that covers are installed and tightly bolted with gaskets provided where needed.	Conformance	2/16/2022 11:10:17 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover	12/22/2021 1:24:36 PM - 07:00	3.4 Field Tests		RIO cabinets installed appear to be in compliance with the check list in this section.	Conformance	12/22/2021 12:40:40 PM -07:00	C		Closed



Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Ventilation	Fire & Life Safety		3.4 Field Tests		<p>Contractor is in compliance with the following requirements:</p> <ol style="list-style-type: none"> 1. Raceways are supported on appropriate independent supports (i.e., not on piping, pipe ways, or piping hangers). 2. Exposed raceways are run in a neat workmanlike manner, parallel or perpendicular to structural members. 3. Raceways are routed as far away from possible fire hazards and heat sources as practical. 4. Raceways are supported at the required intervals. 5. Pull boxes and fittings are installed so that covers are easily removable. Verify that covers are installed and tightly bolted with gaskets provided where needed. 6. Number of bends in the raceway does not exceed 270 degrees without a pull box installed. 7. Circular cross sectional area is uniform at conduit bends. Single bends do not exceed 90 degrees. 8. Conduits are terminated in threaded hubs or bushings to prevent damage to wire. 	Conformance	3/31/2022 8:16:55 AM -06:00	C		Closed
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		1.8 Product Delivery, Storage and Handling		Contractor is in compliance with the following requirements: Provide as described below. 1. Ship each unit or component securely packaged and labeled for safe handling in shipment and to avoid damage or distortion. 2. Mark each item, unit or component in accordance with applicable reference standard. 3. Store materials in secure and dry facility and in original packaging in a manner to prevent soiling, physical damage, wetting or corrosion prior to installation. 4. Where possible maintain protective coverings until installation is complete	Conformance	3/31/2022 8:16:01 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		2.2 System Operational Description		Contractor is in compliance with the following requirements: Tunnel Fire Alarm System 1. Identify alarm at fire-alarm control panel, graphical annunciator and remote display annunciators. 2. Transmit an alarm signal to the remote alarm receiving station at the CTMC and DFD. 2. Record events in the system memory. 3. Record events by the system printer. 4. Transmit individual unique device alarm signals to SCADA through the network connection to SCADA.	Conformance	3/31/2022 8:16:01 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.1 Equipment		Contractor appeared to be in compliance with the following requirements from 3.1: A. Provide concrete thrust blocks for elbows, tees, valves, and appurtenances on buried piping. Thrust blocks shall be constructed as indicated in NFPA 13. B. Install the semi-automatic dry standpipe system as indicated and in accordance with applicable requirements of NFPA 14 and approved installation	Conformance	5/25/2022 11:42:17 AM -06:00	C		Closed



						<p>plans.</p> <p>C. Install pipe, fittings, and valves without springing or forcing. Flanged joints shall be made-up with a torque wrench and by tightening every other bolt around the flange, then by tightening the remaining bolts; bolt holes of flanges on horizontal pipe shall straddle pipe centerlines. Install anchors as indicated. Provide swing joints or flexible connections for transitions from embedded to exposed pipe.</p> <p>D. Install piping true to line and grade, and support and guide piping to ensure alignment under all conditions. Installed piping shall clear obstructions, preserve headroom, and keep openings and passageways clear.</p> <p>E. Make changes in direction of piping with fittings. Provide branch connections with either screwed fittings, UL listed grooved fittings, or shop welded outlets.</p>				
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		3.1 Equipment		Contractor is in compliance with the following requirement;Manufacturer shall guarantee all system equipment for a period of one year from the date of final acceptance of the system.	Conformance	6/21/2022 10:43:08 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		3.2 Installation		<p>Contractor is in compliance with the following requirements: All Fire Alarm System wiring types and sizes shall be installed in raceway as indicated on The Contract Drawings and as required by the equipment manufacturer or at a minimum as follows:</p> <ol style="list-style-type: none"> 1. Addressable loop shall be via a #14 AWG non-shielded twisted pair, type FPLC, with six twists per foot. "T" taps shall not be permitted. 2. Initiating device circuits shall utilize #14 AWG THHN/THWN minimum. 3. Notification appliance circuits shall utilize #14 AWG THHN/THWN minimum. 4. Power circuits shall utilize #12 AWG THHN/THWN minimum. <p>All Fire Alarm System wiring installed within the tunnels that are designated and/or identified on the Tunnel Fire Alarm drawings as required to be installed as a 2-hour fire rated assembly and designated with the label "2-HOUR FIRE RATED".</p>	Conformance	6/21/2022 10:43:08 AM -06:00	C		Closed
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Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.2 Installation		Contractor is in compliance with the following requirement; A. Except where indicated, piping systems shall not be painted.	Conformance	5/25/2022 11:42:17 AM -06:00	C		Closed
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		3.2 Field Test		Contractor is in compliance with the following requirements: All Fire Alarm System wiring types and sizes shall be installed in raceway as indicated on The Contract Drawings and as required by the equipment manufacturer or at a minimum as follows: 1. Addressable loop shall be via a #14 AWG non-shielded twisted pair, type FPLC, with six twists per foot. "T" taps shall not be permitted. 2. Initiating device circuits shall utilize #14 AWG THHN/THWN minimum.	Conformance	3/31/2022 8:16:01 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Alarm System	Fire & Life Safety		3.2 Field Test		Contractor is in compliance with the following requirements:A. The Tunnel FACP and each device shall be tested and certified by a UL certified manufacturer's representative in accordance with the requirements of NFPA 72 and the Denver Fire Department. Upon completion of the test, a certified test report shall be submitted for approval. B. Any system deficiencies observed under testing shall be noted in the certified test report. All deficiencies shall be corrected and all systems shall then be retested.	Conformance	6/21/2022 10:43:08 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 Installation		<p>Contractor is in compliance with the following requirements: B. Install each sign assembly using a method that withstands extreme vibration. C. Erect the unit level and correctly positioned on the brackets, securely fastened with the appropriate mounting hardware. Securely lock nuts or bolts securing the sign or mounting brackets to resist loosening under vibration. D. Erect by a method that does not bend, twist or otherwise deform the sign. The LED sign erected over the tunnel roadway shall not protrude into the traffic envelope as indicated on the Contract Drawings. Repair or replace damaged signs. E. Wayfinding LED Sign. Aim signs at locations shown on finishes drawings, 5 feet above the pavement.</p>	Conformance	6/23/2022 3:30:24 PM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		<p>Contractors installation appeared to be in compliance with the section 3.1 requirements.</p>	Conformance	5/19/2022 8:33:31 AM -06:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 Installation		Contractor is in compliance with the following requirement;A. Install fiber optic cable in accordance with manufacturers guidelines and recommendations.	Conformance	6/23/2022 3:31:06 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		Contractor appeared to be in compliance with the following requirement; Provide continuous bonding of each circuit as per NEC.	Conformance	3/23/2022 8:28:42 AM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	3/31/2022 10:42:03 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Nut and Lock Washers were observed to be "Snug Tight"	Conformance	3/31/2022 8:18:33 AM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway	3/31/2022 10:42:03 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		1/2" holes are observed at the top of posts, these holes are not called out in the plans or shops. This could be a long term maintenance problem as there is no outlet (Grout pad seals bottom) at the bottom of posts for water to drain if water collects through holes at the top.	Agreed.	6/17/2022 2:00:32 PM -06:00	Audit Comment	We are working with the 3rd party about the 1/2" holes in the fence to come up with a resolution.	Closed
Central 70	C 0704-241	Fencing	Roadway	3/31/2022 10:42:03 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Grout pad was observed being placed. Although some areas were cracked with chunks missing.	Agreed.	6/6/2022 10:47:24 AM -06:00	Audit Comment	The grout pads were fixed	Closed
Central 70	C 0704-241	Fencing	Roadway	3/31/2022 10:42:03 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Panels and Posts were observed to be plum and straight	Conformance	3/31/2022 8:18:33 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	Cover	3/31/2022 10:40:14 AM -06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Fence Panels are Plum and Straight.	Conformance	3/31/2022 8:11:40 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Bridge Finishes	Cover	3/31/2022 10:40:14 AM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Nuts are tight against lock washers on fence panels.	Conformance	3/31/2022 8:11:40 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	Cover	3/31/2022 10:40:14 AM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Grout Pad is approx. 1.5"	Conformance	3/31/2022 8:11:40 AM -06:00	C		Closed
Central 70	C 0704-241	Bridge Finishes	Cover	3/31/2022 10:40:14 AM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Plan Sheet B050.418 calls out the steel fence posts to be set on leveling nuts. No leveling nuts are installed. Instead posts are set on shims.	Captured in NCR	4/11/2022 3:43:21 PM -06:00	NC-2	NCR 2837	Closed
Central 70	C 0704-241	Facing Panels	Walls	4/5/2022 9:22:38 AM - 06:00	All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals.		Design on 303-W1 wall panels between Clayton and Fillmore do not match the shop drawings from Submittal (Aconex - C70-KIE-WLS-SHD-000053)	Corrected Shops have been submitted	4/12/2022 3:55:41 PM -06:00	Audit Comment	According to the C70 Aesthetic details the panels that are in place are the correct ones and the detail in the shops is wrong. The shops are in the process of being corrected.	Closed
Central 70	C 0704-241	Fencing	Roadway	3/31/2022 10:42:03 AM - 06:00	Shop drawings, working drawings, and other submittals shall be delivered to the Engineer.		No shop drawings could be found for Steel Fence on Walls from Cook to Monroe. Please provide shop drawings.	Agreed.	6/16/2022 11:14:32 AM -06:00	NC-2	ENCR 1550 was submitted	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Cover		1.7 Handling and Delivery		<p>Handling and onsite storage of materials is in compliance with the following requirement;1.7 HANDLING AND DELIVERY</p> <p>Ship luminaires, components and accessories securely packaged and labeled for safe handling in shipment and to avoid damage or distortion. Store all luminaires, control components, and accessories in a secure, dry facility and in original packaging in a manner to prevent soiling, physical damage, wetting, or corrosion prior to installation. Provide for storage inspection by the Engineer of Record after luminaires, electrical equipment, and accessories have been delivered. This inspection is at no additional cost to the project. All cartons shall be clearly marked with the proper identification of manufacturer, catalogue number, luminaire designation, and proper storage/handling instructions.</p>	Conformance	1/26/2022 3:25:41 PM -07:00	C		Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Cover		2.1 General		<p>Contractor is in compliance with the following requirements: 1. Luminaires shall be furnished complete, of the type specified herein, and shall conform to luminaire dimensions shown on the drawings. 2. All materials, equipment, and devices shall, as a minimum, meet the requirements of UL where UL standards are established for those items and the requirements of NFPA 70 and 502. All tunnel lighting luminaires and components provided shall be new and shall bear the Underwriters' "UL 1598 Listed SUITABLE FOR WET LOCATIONS" label. 3. All luminaire surfaces shall be finished on all sides of each product. All finishes shall be applied such that the entire assembly is rendered completely corrosion resistant for the service intended. Once the finish is applied, no additional holes will be acceptable.</p>	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Lighting	Cover		2.2 Electrical Components	Contractor is in compliance with the following requirement; 3. Wiring. Wiring within the luminaires shall conform to the requirements of NEC and UL. Conductor size, temperature rating, voltage rating and manufacturer clearly marked on the insulation of each conductor. Unless otherwise specified, the housing of each lighting luminaire shall be provided with a separate, factory-installed, grounding device.	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting	Cover		2.3 Luminaire Mounting Hardware	Mounting hardware was in compliance with the following requirements:1. Provide luminaires with brackets, straps, shields, and/or miscellaneous hardware suitable for the mounting method specified on the contract drawings and within this specification. This includes the lighting and electrical support rack by which lighting and electrical equipment is suspended from the ceiling as specified on the contract documents. All mounting hardware (fixings) shall be Grade 316L stainless steel and designed to withstand a	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed



							temperature of 842oF for a minimum period of one hour without loss of their design load carrying capacity. 2. All nuts shall have captive externally-footed lock washers. 3. Grade 316L Stainless steel mountings plates shall have either bent or welded seams ground smooth and shall be bolted to the luminaire housing with SS hardware. Plates shall have a minimum thickness of 1/8-inch. Exact size and configuration of plates for luminaires suspended from the ceiling shall be verified by the Contractor in the field.					
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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Cover		2.4 Luminaire Labels		Contractor is in compliance with the following requirement; 1. There shall be one adhesive backed fixture label provided for each luminaire. The fixture label shall be of the size, shape, and style as depicted in the contract documents. Labels shall be applied in-field by the installing contractor. One label shall be positioned on the exterior door/face of the luminaire on the center of the fixture so that it is easily and quickly identified.	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status	
Central 70	C 0704-241	Lighting	Cover		2.4 Luminaire Labels		<p>Luminaries are installed with labels per the following requirements: 2.4 LUMINAIRE LABELS</p> <p>1. There shall be one adhesive backed fixture label provided for each luminaire. The fixture label shall be of the size, shape, and style as depicted in the contract documents. Labels shall be applied in-field by the installing contractor. One label shall be positioned on the exterior door/face of the luminaire on the center of the fixture so that it is easily and quickly identified.</p> <p>2. The label shall be adhesive backed, screen-printed with UV Resistant inks. White background with bold black lettering. The font shall be Arial Bold, 1-inch tall with a 0.3" Kerning. The size of the label shall be 10-inches long X 1.25-inches tall. The printed images shall be sealed between 2 layers of polyester.</p>	Conformance	1/26/2022 3:25:41 PM -07:00	C			Closed



Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Cover		2.5 Tunnel Luminaires		Contractor has installed the correct lighting per the following requirement; 2.5 TUNNEL LUMINAIRES 1. Type A and Type B: The luminaire defined in this section shall be the Acuity Brands Company HOLOPHANE "TunnelPass LED Series" having the catalog number: TNLED 6 4K 1 AS CLN with mounting bracket as shown in the Contact Documents. Note: the catalog number here is provided for reference as the catalog number may differ once the product(s) is procured. The catalog number must be completed in full to the specifications here within and as detailed on the Contract Documents during the submittal review process.	Conformance	1/26/2022 3:25:41 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Lighting	Cover		2.5 Tunnel Luminaires		Contractor is in compliance with the following requirement; 1. Type A and Type B: The luminaire defined in this section shall be the Acuity Brands Company HOLOPHANE "TunnelPass LED Series" having the catalog number: TNLED 6 4K 1 AS CLN with mounting bracket as shown in the Contact Documents. Note: the catalog number here is provided for reference as the catalog number may differ once the product(s) is procured. The catalog number must be completed in full to the specifications here within and as detailed on the Contract Documents during the submittal review process.	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting	Cover		3.1 General		See attached area of audit description.	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed

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Central 70	C 0704-241	Lighting	Cover		3.1 General		Contractor is in compliance with the following requirement; 2. Shipments. Ship luminaires, components and accessories securely packaged and labeled for safe handling in shipment and to avoid damage or distortion. Store all luminaires, control components, and accessories in a secure, dry facility and in original packaging in a manner to prevent soiling, physical damage, wetting, or corrosion prior to installation. Provide for storage inspection by the Engineer of Record after luminaires, electrical equipment, and accessories have been delivered. This inspection is at no additional cost to the project. All cartons shall be clearly marked with the proper identification of manufacturer, catalogue number, luminaire designation, and proper storage/handling instructions.	Conformance	2/17/2022 11:20:17 AM -07:00	C		Closed
Central 70	C 0704-241	Lighting	Cover		3.1 General		Contractor is installing lighting in compliance with the following requirements: 3.1	Conformance	1/26/2022 3:25:41 PM -07:00	C		Closed



GENERAL
1. Performance Requirements: Perform all Work in accordance with the requirements of NFPA 70 and 502, and those authorities having jurisdiction. Verify that other construction work is complete to the extent that Luminaires may be installed. Install Luminaires of the type required in the locations shown and make all final electrical connections. Provide accessories as required to properly install the material defined in this section even though these accessories may not be specifically indicated on the Plans. Provide appropriate support (s) for each luminaire. Luminaires and support elements shall not be mounted on or in contact with ducts or pipes, or within three inches of the edge of a transverse movement joint in the Cover structure.
2. Shipments. Ship luminaires, components and accessories securely packaged and labeled for safe handling in shipment and to avoid damage or distortion. Store all

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		3.1 Installation		Contractor is in compliance with the following requirements: A. Electrical circuits provided by power circuits as indicated on the Contract Drawings. B. Install Panel antenna in accordance with manufacturer's instructions. Mount as indicated on drawings and by conduit clamps or recessed connector mount and base support pipe. Ground and bond radio equipment and circuits.	Conformance	6/23/2022 3:32:01 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		1.1 Description		Contractor appears to be in compliance with requirements in this section. Penetrations are being sealed with approved applications.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		1.2 References		Contractor is installing fire proofing material at all location listed in this section.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		1.3 Submittals		Contractor installing per shop drawings.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed

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Central 70	C 0704-241	General Work	Cover		1.4 Quality Assurance		Contractor is in compliance with sections A. Installers demonstrate experience with fireproofing install.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		1.5 Delivery, Storage & Handling		Material and storage appears to be acceptable.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		2.1 Silicate-Aluminate Fire Protection Board		Fire board appears to be acceptable.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		2.2 Accessories		Accessories appear to be acceptable.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		3.1 Preparation		Preparation appeared acceptable.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		3.2 Installation		Install appeared to meet requirements listed in this section.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	General Work	Cover		3.3 Protection		Fireproofing is being protected from damage.	Conformance	12/22/2021 8:13:18 AM -07:00	C		Closed
Central 70	C 0704-241	Communications	Cover		1.2 Quality Assurance		Contractor is in compliance with the following requirement;For the material specified herein, the manufacturer shall be ISO 9001 or 9002 certified.	Conformance	3/31/2022 8:13:53 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		1.4 Product Delivery, Storage and Handling		Contractor is in compliance with the following requirements;A. Material shall be handled and stored in accordance with manufacturer's instructions. One (1) copy of these instructions shall be included with the	Conformance	3/31/2022 8:13:53 AM -06:00	C		Closed

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Central 70	C 0704-241	Communications	Cover		1.4 Product Delivery, Storage and Handling		Contractor is in compliance with the following requirements: A. Material shall be handled and stored in accordance with manufacturer's instructions. One (1) copy of these instructions shall be included with the equipment at time of shipment. Equipment unloading, handling, storage, and installation instructions shall be included with the packaging in such a manner that it can be easily located and accessed before unloading the equipment. Metal clamps, which may damage pulling equipment, are not acceptable. The end seals must be adequate to withstand the stresses caused by pulling-in. B. Cable lengths shall be shipped complete as maximum shipping length per reel allows. Cables shall be sealed, stored and handled carefully to avoid damage to the outer covering or insulation and damage from moisture and weather. Damaged or defective items shall be replaced	Conformance	3/31/2022 8:13:21 AM -06:00	C		Closed
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							with new items at no additional cost to the project. The Contractor is to note the limited on-site storage area. C. All cables received shall have been manufactured less than twenty-four (24) months before time of receipt inspection.					
Central 70	C 0704-241	Communications	Cover		2.2 Materials		Contractor is in compliance with the following requirements: A. All Conductors and Cables All cable shall be manufactured to meet or exceed the requirements of: 1. IEEE-1202 Flame Test 2. Insulation and/or jackets shall not contain PVC. 3. Insulation and/or jackets shall be low smoke, non-toxic per UL 1581 and ICEA S-68-516 Type II insulation, EPR insulating compound. 4. Insulated conductors shall be UL 1685 rated. 5. Insulation and/or jackets shall not contain halogens.	Conformance	3/31/2022 8:13:21 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Communications	Cover		2.2 Materials		Contractor is in compliance with the following requirements;1. IEEE-1202 Flame Test 2. Insulation and/or jackets shall not contain PVC. 3. Insulation and/or jackets shall be low smoke, non-toxic per UL 1581 and ICEA S-68-516 Type II insulation, EPR insulating compound. 4. Insulated conductors shall be UL 1685 rated. 5. Insulation and/or jackets shall not contain halogens.	Conformance	3/31/2022 8:13:53 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		2.3 Performance Criteria		Contractor is in compliance with the following requirements:A. All wire and cable shall be UL listed for the use it is installed for. B. All wire and cable shall be UL listed for the environment it is installed in.	Conformance	3/31/2022 8:13:21 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Central 70	C 0704-241	Communications	Cover		3.1 General		Contractor is in compliance with the following requirements: Provide all material, equipment, and labor to install the electric wires and cables as indicated and as specified. Perform work in accordance with the NEC and local and state codes and requirements.	Conformance	3/31/2022 8:13:21 AM -06:00	C		Closed
Central 70	C 0704-241	Communications	Cover		3.1 General		Contractor is in compliance with the following requirements;Provide all material, equipment, and labor to install the electric wires and cables as indicated and as specified. Perform work in accordance with the NEC and local and state codes and requirements. Installation In no case use smaller cable sizes than required by the NEC. Unless otherwise indicated, use no conductor smaller than No. 12 AWG for power and No. 14 AWG for control. Install conductors continuous from outlet to outlet and make no splices except within outlet or junction boxes. Pull conductors contained within	Conformance	3/31/2022 8:13:53 AM -06:00	C		Closed



						<p>single conduit simultaneously. Only if needed, apply wire pulling compound to conductors being drawn through conduits. Do not use yellow 77. Use a pulling compound type that meets environmental standards.</p> <p>Use no cable bend with radius of less than eight times its diameter.</p> <p>No wires or cables are to be installed prior to submittal and acceptance of material specified. Support cables in riser conduits at intervals as required by the NEC.</p> <p>Wiring should be at least one foot away from fluorescent lighting fixtures and three feet away from electrical motors. Cables should be routed to minimize bending and pull strain. All cable bundles should be tie-wrapped, routed and fastened to prevent stress and loose cable hanging.</p>					
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.	All barrier placed was in acceptable condition.	Conformance	12/7/2021 4:02:24 PM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Traffic Switch	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		All unsatisfactory barrier was identified by IQC and replaced prior to opening to traffic.	Conformance	12/28/2021 7:47:17 AM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier was in acceptable condition.	Conformance	7/29/2022 8:19:06 AM -06:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		Each segment of the precast barrier shall not have spalls, corner breaks, and bottom spalls totaling more than 5 square feet of surface area which includes the base.		Barrier installed was in acceptable condition.	Conformance	7/29/2022 8:19:47 AM -06:00	C		Closed
Central 70	C 0704-241	Temp Barrier	Maintenance of Traffic (MOT)		Connecting loops shall not be frayed, stretched, or deformed.		Connecting hardware was acceptable for use.	Conformance	12/7/2021 4:02:24 PM -07:00	C		Closed
Central 70	C 0704-241	Set Temporary Barrier	Maintenance of Traffic (MOT)		If the end is not at the location of a planned end section, install a temporary impact attenuator or provide treatment as shown in the Contract.		Barrier was tapered away from traffic with end out of clear zone. Taper was acceptable length.	Conformance	7/29/2022 8:19:06 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Check that the subgrade/base has been constructed to the required grade and crosssection and compacted to the required density.		The subgrade/base has been constructed to the required grade and cross section and compacted to the required density.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway	3/23/2022 2:20:33 PM - 06:00	1. Check that the subgrade/base has been constructed to the required grade and crosssection and compacted to the required density.		Subgrade was not compacted to density prior to concrete being released from plant. After discussion with foreman, IQC, and PC, areas of the grade were compacted and approved by IQC. Areas that were not approved were bulkheaded off, and not poured.	Field Resolved	3/23/2022 1:21:35 PM -06:00	Field Resolved		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		2. Proof rolled?		Area paved was proofrolled, witnessed by IQC.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Proof rolled?		Areas of full depth replacement were visually checked by PC/ IQC.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. The final grade must be in a smooth and non-frozen condition.		Subgrade/ base course in full depth panel replacement were smooth & non-frozen condition.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. The final grade must be in a smooth and non-frozen condition.		The final grade was smooth and non-frozen condition.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		4. Properly referenced for line and grade?		Grade was properly referenced for line and grade.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Use the following guidelines to inspect longitudinal and transverse construction joints:		Transverse construction joints were placed back with same joints/ matched pre-existing joint lines on removed panels.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Check that longitudinal construction joints are properly located, especially with respect to lane lines.		Transverse construction joints were placed back with same joints/ matched pre-existing lane lines as removed panels.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Check that longitudinal construction joints are properly located, especially with respect to lane lines.		Longitudinal construction joints were properly located, with respect to lane lines.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		4. Where tie bars are specified, verify the diameter and length of the epoxy coated bars for conformance. Observe the insertion operation for proper location and spacing of bars. Ensure that the Contractor demonstrates, by testing, the required pullout resistance where tie bars are stabbed or drilled and epoxied into place. (2) Epoxy coated? (3) Correct size?(5) Correct spacing?		Tie bars were specified, verified the diameter and length of the epoxy coated bars, in conformance. Hand set tie bars were correct size and correct spacing.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		4. Where tie bars are specified, verify the diameter and length of the epoxy coated bars for conformance. Observe the insertion operation for proper location and spacing of bars. Ensure that the Contractor demonstrates, by testing, the required pullout resistance where tie bars are stabbed or drilled and epoxied into place. (2) Epoxy coated? (3) Correct size?(5) Correct spacing?		Dowel and Tie bars were provided per CCD specification. During pour, cages had to be removed and replaced for truck access. After replacement, multiple dowel bar cages were placed incorrectly, and production had to be continuously reminded of conforming dowel bar placement.	Field Resolved	11/11/2021 7:35:20 AM -07:00	Field Resolved		Closed
Central 70	C 0704-241	PCCP	Roadway		5. Verify that transverse construction joints are properly located and constructed. Check to ensure the location of joints for conformance with minimum spacing requirements.		Verified that transverse construction joints were properly located and constructed. The location of joints were in conformance with minimum spacing requirements.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		5. Verify that transverse construction joints are properly located and constructed. Check to ensure the location of joints for conformance with minimum spacing requirements.		Transverse construction joints were poured back with same joints on removed panels.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. The concrete should be vibrated across the full width of the slab.		Concrete was vibrated full with and depth of the slab.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	PCCP	Roadway		1. The concrete should be vibrated across the full width of the slab.		Concrete was vibrated properly.	Conformance	11/11/2021 7:35:20 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Immediately after finishing, check that the surface and edges are completely and uniformly sprayed with an approved impervious membrane material.		Curing compound was sprayed immediately after finishing.	Conformance	11/11/2021 7:35:20 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Concrete shall not be exposed for more than 10 minutes before being covered with curing compound.		Concrete was not exposed for more than 10 minutes before being covered with curing compound.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		2. Concrete shall not be exposed for more than 10 minutes before being covered with curing compound.		Concrete was not exposed more than 10 minutes before curing compound was applied.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		3. Verify the rate of application for conformance.		Rate of application was in conformance.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Just ahead of the placement operation, verify that the grade is kept moist without creating standing water or soft spots. Additional sprinkling of the grade may be required throughout the day, especially during hot, dry, and windy conditions. a. No ponding of water of subgrade?		The grade was kept moist without creating standing water or soft spots, no ponding of water.	Conformance	12/13/2021 8:36:14 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Just ahead of the placement operation, verify that the grade is kept moist without creating standing water or soft spots. Additional sprinkling of the grade may be required throughout the day, especially during hot, dry, and windy conditions. a. No ponding of water of subgrade?		Grade was moistened prior to pour.	Conformance	11/11/2021 7:35:20 AM -07:00	C		Closed
Central 70	C 0704-241	PCCP	Roadway		1. Just ahead of the placement operation, verify that the grade is kept moist without creating standing water or soft spots. Additional sprinkling of the grade may be required throughout the day, especially during hot, dry, and windy conditions. a. No ponding of water of subgrade?		Areas of full depth panel replacement were excavated per schedule, no ponding of water noted/observed.	Conformance	10/18/2021 7:39:29 AM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder erection.	Conformance	12/7/2021 11:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder erection.	Conformance	12/7/2021 11:54:16 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder erection.	Conformance	12/7/2021 11:54:43 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced.	Conformance	12/7/2021 11:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced.	Conformance	12/7/2021 11:54:16 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced.	Conformance	12/7/2021 11:54:43 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		No equipment failure was observed during girder erection.	Conformance	12/7/2021 11:54:16 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		No equipment failure was observed during girder erection.	Conformance	12/7/2021 11:54:43 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		No equipment failure was observed during girder erection.	Conformance	12/7/2021 11:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder erection.	Conformance	12/7/2021 11:54:16 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder erection.	Conformance	12/7/2021 11:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder erection.	Conformance	12/7/2021 11:54:43 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		Girders placed fit and were in line. All girder dowel pins were placed.	Conformance	12/7/2021 11:54:16 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		Girders placed fit and were in line. All girder dowel pins were placed.	Conformance	12/7/2021 11:54:43 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (5) Structural Elements that don't fit or line up		All girders were in line and fit. All girder dowel pins were placed.	Conformance	12/7/2021 11:53:37 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		1.5 Delivery, Storage and Handling		The contractor was in compliance with the following requirement; i. Deliver products in unopened factory labeled packages. Store and handle in strict compliance with manufacturers' instructions and recommendations. Protect from damage.	Conformance	1/20/2022 7:55:00 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		1.5 Delivery, Storage and Handling		The contractor stored materials in compliance with the following requirement; i. Deliver products in unopened factory labeled packages. Store and handle in strict compliance with manufacturers' instructions and recommendations. Protect from damage.	Conformance	1/20/2022 7:55:41 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		2.2 Fabrication		Material supplied is in compliance with the following requirements;. Fabricate cabinets to be straight, plumb, level and square. B. Provide cabinets to sizes, shapes, and profiles indicated on approved shop drawings. C. Fabricate cabinets with uniform, tight joints and smoothly finished edges. D. Cabinet types include, but not limited to the following: 1. FHVC: Fire Hose Valve Cabinet	Conformance	1/20/2022 7:55:41 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		2.3 Finishes		The interior of the cabinet was in compliance with the following requirement; b. Bright, Directional Polish: No. 4 finish.	Conformance	1/20/2022 7:55:41 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		2.3 Finishes		Contractor is in compliance with the following requirement; b. Bright, Directional Polish: No. 4 finish. Interior of boxes was the focus of this audit.	Conformance	1/20/2022 7:55:00 AM -07:00	C		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.1 Preparation		Contractor was in compliance with the following requirement;A. Coordinate and furnish anchorages, setting drawings, diagrams, templates, instructions, and directions for installation of anchorages, including concrete inserts, sleeves, anchor bolts, and miscellaneous items having integral anchors that are to be embedded in concrete or masonry construction. Coordinate delivery of such items to project site.	Conformance	1/20/2022 7:55:00 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.2 Installation, General		The installation was in compliance with the following requirements; D. Install pipe flashing boot on standpipe and temporarily secure with stainless steel clamp. E. When standpipe/fire valve and fire extinguisher cabinets have been anchored, loosen the pipe flashing boot clamp, clean the top of the cabinet and bottom boot surface, install a 3/8 inch bead of sealant around the bottom of the boot and carefully press the boot into contact with the cabinet's top surface so that the sealant exudes from the boot/cabinet joint to ensure 100 percent seal. Tighten the stainless steel clamp and install a 3/8 inch bead of sealant	Conformance	1/20/2022 7:55:41 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.2 Installation, General		The contractor had installed the fire hose connections with the incorrect orientation. Contractor was notified and corrected the connections to correct orientation.	Field Resolved	1/20/2022 7:55:00 AM -07:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.3 Adjusting, Cleaning, Protection		Contractor is in compliance with the following requirement; D. Install pipe flashing boot on standpipe and temporarily secure with stainless steel clamp. E. When standpipe/fire valve and fire extinguisher cabinets have been anchored, loosen the pipe flashing boot clamp, clean the top of the cabinet and bottom boot surface, install a 3/8 inch bead of sealant around the bottom of the boot and carefully press the boot into contact with the cabinet's top surface so that the sealant exudes from the boot/cabinet joint to ensure 100 percent seal. Tighten the stainless steel clamp and install a 3/8 inch bead of sealant at	Conformance	1/20/2022 7:55:00 AM -07:00	C		Closed
Central 70	C 0704-241	Fire Protection	Fire & Life Safety		3.3 Adjusting, Cleaning, Protection		Contractor will clean interior of all FHCC after doors are installed.	Conformance	1/20/2022 7:55:41 AM -07:00	C		Closed
Central 70	C 0704-241	Lowered Roadway Dry Standpipe	Cover		2. Verify all locations and measurements in the field as field conditions may vary from design. Contractor shall verify exact locations in the field before commencing fabrication, ordering and material, or performing any work.		All measurements and locations were verified in field prior to performing work.	Conformance	11/29/2021 1:30:27 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	Structural steel shall be galvanized in accordance with ASTM A 123. Pole hardware shall be galvanized in accordance with ASTM A 153. All signs must be clean prior to erection. Installation shall be of such sequence as to result in maximum traffic safety. Signs shall be erected in conformity with the plans. Prior to final positioning, the sign shall be inspected at night by the Engineer and adjustments will be made, if necessary, to eliminate specular reflection.		Sign was not clean prior to erection-noted scratches, footprints, and retroreflective sheeting was peeled back from improper storage in the yard. Structural steel was galvanized in accordance with ASTM A 123. Mast arm hardware was galvanized in accordance with ASTM A 153. Installation was of such sequence to result in maximum traffic safety. Signs were erected in conformity with the plans.	Response is adequate.	9/17/2021 6:23:07 PM -06:00	Audit Comment	KIC and IQC have a sign tracking sheet for issues like peeling letters and damage to reflectivity sheeting. These signs will be tracked and punch listed.	Closed
Central 70	C 0704-241	Sign Installation	Signing & Striping	8/6/2021 9:01:06 AM - 06:00	The sequence of erection of new and reset sign installations shall be correlated with the removal of the existing traffic controls. The decision regarding the sequence shall be worked out with the Engineer prior to starting the work.		The sequence of erection of new sign installation was correlated with the removal of the existing traffic controls.	Conformance	8/3/2021 3:54:16 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Anchorage, footings or fence appurtenances shall not extend beyond the limits of the highway right of way without the written consent of the abutting property owner		Anchorage, footings or fence appurtenances did not extend beyond the limits of the highway right of way.	Conformance	11/16/2021 2:44:06 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Anchorage, footings or fence appurtenances shall not extend beyond the limits of the highway right of way without the written consent of the abutting property owner		Anchorage, footings or fence appurtenances do not extend beyond the limits of the highway right of way.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		When the plans require that posts, braces, or anchors be embedded in concrete, they shall be securely braced to hold the posts in proper position until such time as the concrete has set sufficiently to hold the posts.		Posts, braces, or anchors are embedded in concrete, they are securely braced to hold the posts in proper position, the concrete has set sufficiently to hold the posts.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed
Central 70	C 0704-241	Drainage Structures	Drainage		When the plans require that posts, braces, or anchors be embedded in concrete, they shall be securely braced to hold the posts in proper position until such time as the concrete has set sufficiently to hold the posts.		The plans require that posts, braces, or anchors be embedded in concrete, they are securely braced to hold the posts in proper position, the concrete has set sufficiently to hold the posts.	Conformance	4/22/2022 12:25:55 PM -06:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Unless otherwise permitted, materials shall not be installed on posts, or stress placed on guys and bracing set in concrete until the concrete has set sufficiently to withstand the stress		Materials were not installed on posts, or stress placed on guys and bracing, the concrete has set sufficiently to withstand the stress.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Unless otherwise permitted, materials shall not be installed on posts, or stress placed on guys and bracing set in concrete until the concrete has set sufficiently to withstand the stress		Materials were not installed on posts, no stress placed on guys and bracing set in concrete, the concrete was set sufficiently to withstand the stress.	Conformance	11/16/2021 2:44:06 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		The tops of all posts were set to the required grade and alignment.	Conformance	11/16/2021 2:44:06 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		The tops of all posts shall be set to the required grade and alignment		The tops of all posts are set to the required grade and alignment.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Wire or fencing of the size and type required is firmly attached to the posts and braces in the manner indicated.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Wire or fencing of the size and type required was firmly attached to the posts and braces in the manner indicated.	Conformance	11/16/2021 2:44:06 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		Wire or fencing of the size and type required shall be firmly attached to the posts and braces in the manner indicated		Fence panels are not firmly attached to posts and braces per requirement. Numerous nuts are not tightened. Please refer to Notes on Plan Sheets BS048/049. Closed- Re-checked nuts/ bolts, all loose one have been tightened.	Field Resolved	3/23/2022 1:21:03 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		All wire was stretched taut and was installed to the required spacing.	Conformance	11/16/2021 2:44:06 PM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All wire shall be stretched taut and be installed to the required spacing		All wire has been stretched taut and is installed at the required spacing.	Conformance	3/1/2022 8:50:31 AM -07:00	C		Closed
Central 70	C 0704-241	Fencing	Roadway		All materials shall be galvanized. When require by the plans the fence shall also be vinyl coated		Galvanized coating is damaged/ scratched/ abraded in multiple areas. Please refer to Notes on Plan Sheet WS715. Closed- Galvanized coating has been repaired/ resprayed.	Field Resolved	3/23/2022 1:21:03 PM -06:00	Field Resolved		Closed



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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Drainage Structures	Drainage		All materials shall be galvanized. When require by the plans the fence shall also be vinyl coated		All materials are galvanized, no requirement for vinyl coating shown on plans.	Conformance	4/22/2022 12:25:55 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		1.6 Product delivery, storage and handling		<p>Contractor is in compliance with the following requirements:1.6, A. Prior to packing door for shipment, the finish shall be protected by applying a damage resistant easy-release, adhesive backed film to all exposed surfaces. Door interlocks, binders, closures, rim, etc., shall be similarly protected.</p> <p>B. Deliver sliding metal doors assemblies packaged to provide protection during transit and job site storage.</p> <p>C. Store sliding metal doors under cover; in a manner that will prevent staining, bowing, warping, and other types of damage, as recommended by the manufacturer. Avoid use of non-vented plastic or canvas, shelters. If wrapper becomes wet, remove carton immediately. Provide 1/4 inch spaces between stacked doors. Hardware shall be similarly protected.</p>	Conformance	8/31/2022 2:21:30 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		1.7 Field Measurements		Contractor is in compliance with the following requirements from 1.7: A. Verify that field measurements are as indicated on the Shop Drawings. B. Coordinate the Work with door frame opening construction and hardware sizes, types and installations.	Conformance	8/31/2022 2:21:30 PM -06:00	C		Closed
Central 70	C 0704-241	General Work	Cover		2.3 Hardware		Material provided appeared to meet the following requirement from 2.3;A. Operating Hardware: Labeled, constant closed, sliding metal fire door assemblies complete with level, open flat track, binders, stay or guide rollers, cables, sheaves, closing weights and weather-stripping. Furnish necessary hangers, fittings, and fasteners required for attaching hardware to door and for door sliding operation, including handle for manual operation. Any lubrication fittings shall be required to be fully accessible after door installation. Door hangers shall be heavy duty type with sealed bearings.	Conformance	8/31/2022 2:21:30 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		3.1 Preparation		<p>Contractor is in compliance with the following requirements from section 3.1: A. Examine substrate and conditions under which sliding metal doors are to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Engineer. B. Walls shall be plumb and true and shall present a smooth surface. C. The protective adhesive film shall remain on the doors until all final cleaning is performed. Remove only as is necessary for installation operations. D. Protect installed doors, panels and frames as necessary from construction damages due to adjacent construction.</p>	Conformance	8/31/2022 2:21:30 PM -06:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	General Work	Cover		3.2 Installation		Contractor is in compliance with the following requirements from section 3.2: A. Install sliding metal doors, panels and accessories in accordance with manufacturer's accepted Shop Drawings and installation instructions and recommendations, by authorized representatives of the manufacturer. B. Fasten door supports to masonry with heavy duty stainless steel expansion or adhesive anchors. No expansion anchor shall be set closer than 6 times the anchor diameter to the edge of the wall and 8 times the anchor diameter to another anchor.	Conformance	8/31/2022 2:21:30 PM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		1.6 Product Delivery, Storage and Handling		Material is stored per the following requirement; 1.6 A. Material shall be handled and stored in accordance with manufacturer's instructions. One (1) copy of these instructions shall be included with the equipment at time of shipment.	Conformance	1/27/2022 9:24:14 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		2.2 Materials		Contractor is in compliance with the following requirement; 2.2, 5. Paragraphs 2.2.A.3 and 2.2.A.4 shall apply to only cables installed within the tunnel box. Cables installed outside of the confines of the tunnel box may use non LSZH materials and construction. LSZH cables shall be pulled to the first manhole, hand hole or junction box outside of the tunnel box section where the transition to non LSZH cable may occur.	Conformance	1/27/2022 9:24:14 AM -07:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.1 General		The installation meets requirements in section 3.1 as follows: Provide all material, equipment, and labor to install the electric wires and cables as indicated and as specified. Perform work in accordance with the NEC and local and state codes and requirements. Provide power cable insulation color identification as follows:	Conformance	1/27/2022 9:24:14 AM -07:00	C		Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status	
Central 70	C 0704-241	Electrical	Cover		3.2 Installation		Contractor is in compliance with the following requirements from 3.2 Installation Unless otherwise indicated, use no conductor smaller than No. 12 AWG for power and No. 14 AWG for control. Conductors for lighting branch circuits: Install conductors of sizes so that the maximum voltage drop between lighting panel and center of load will not exceed 3 percent at rated load. Lighting branch circuit wiring conductors shall not be smaller than indicated in the Contract Drawings. Install conductors continuous from outlet to outlet and make no splices except within outlet or junction boxes. Pull conductors contained within single conduit simultaneously.	Conformance	1/27/2022 9:24:14 AM -07:00	C			Closed

Project Construction Assessments Overview as of September, 2022

Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Electrical	Cover		3.1 General		Contractor is in compliance with the following requirement; .GENERAL: Perform all Work in accordance with the requirements of NFPA 70 and 502, and those authorities having jurisdiction. Verify that other construction work is complete to the extent that equipment may be installed. Provide accessories as required to properly install the material defined in this section even though these accessories may not be specifically indicated on the Plans.	Conformance	5/19/2022 8:34:39 AM -06:00	C		Closed
Central 70	C 0704-241	Electrical	Cover		3.6 Inspections		Contractor is in compliance with the following requirement; 3.6. Inspections: Inspect tunnel lighting control system hardware for material defects, improper closures, and damage that may have occurred during installation. Report and replace damaged equipment. 1. Inspect cables for physical damage and proper connection.	Conformance	5/19/2022 8:34:39 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Slope Paving	Roadway		This work consists of the construction of slope and ditch paving in accordance with these specifications and in conformity with the lines and grades shown on the plans or established		Cross section of slope paving was in accordance with plans.	Conformance	3/16/2022 3:42:15 PM -06:00	C		Closed
Central 70	C 0704-241	Flatwork	Roadway		507.02 Concrete Slope and Ditch Paving. Concrete shall conform to the requirements of Section 601. Concrete shall be Macro Fiber-Reinforced Class B Concrete.		507.02 Concrete Slope and Ditch Paving. Concrete conformed to the requirements of Section 601. Concrete placed was Macro Fiber-Reinforced Class D Concrete.	Conformance	3/3/2022 7:50:03 AM -07:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Concrete shall be mixed, placed and cured in accordance with Section 601.		Concrete was mixed, tested, and placed in accordance with specifications.	Conformance	3/16/2022 3:42:15 PM -06:00	C		Closed
Central 70	C 0704-241	Slope Paving	Roadway		Where the thickness of concrete lined ditch as shown on the plans is 4 inches or greater, the Contractor will be permitted to place the material with a slip-form machine or by hand method.		Thickness of paving was greater than 4", slope paving was placed by hand.	Conformance	3/16/2022 3:42:15 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Permanent structures have been adequately protected	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The permanent structures have been adequately protected with the methods discussed in Table 1: Permanent Structure & Utility projection summary.		Permanent structures were adequately protected	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The temporary barrier rail and fence panels have been placed at the toe of slopes were needed.		Temporary barriers were in place at the toe of slopes	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control measures were in place during the entirety of the observed operation	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were in place during the entirety of the demolition operation.		Dust control measures were in place for the duration	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust control measures kept dust within project limits	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Dust control measures were adjusted and added as necessary to limit the dust exiting the project limits.		Dust was kept within project limits	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		Water was not entering the Drainage system, and was kept within project limits	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		No excess water was ponding. If ponding occurred, the water was properly handled/treated before entering the drainage system.		Ponding water was not observed	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demolition took place during allowable work hours	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		Viaduct demolition took place during the allowable hours, creating noise only between 7:01am to 8:59PM on weekdays and 8:01am to 4:59pm on weekends. Any construction outside of those timeframes were performed in accordance with the requirements of the noise variance.		Viaduct demo took place during allowable hours	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The appropriate detours were in place for the demolition activities and remained in place for the entirety of the operation.		Detours were in place For the duration	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		Pier caps were protected with steel plates during demolition operations)	Conformance	8/25/2021 2:38:14 PM -06:00	C		Closed
Central 70	C 0704-241	Viaduct Demo	Removal		The demolition plan to handle the pier cap post tensioning was followed as outlined in the table within section 9. Positive projection was provided for the PT removal.		Pier cap protection was in place during demolition	Conformance	9/22/2021 1:50:22 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	1.6 Submittals		Submittals were acceptable.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	1.8 Delivery, Storage, and Handling		Materials were delivered and stored properly.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	1.9 Warranty		Contractor needs to provide documentation for any close out submit that all warranty requirements have been achieved.	Will double check during punch list	12/2/2021 12:42:18 PM -07:00	Audit Comment	Warranty information will be provided to the department as soon as KIC's punchlist on the installed roof is complete.	Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	2.1 Manufacturer		Acceptable manufacture was approved.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	2.3 EPDM Membrane Materials		EDPM membrane installation appeared acceptable.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	2.4 Vapor Retarder Materials		Vapor Retarder material appeared acceptable.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	2.6 Accessory Materials		Accessory materials were acceptable.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	3.2 Examination		Roof was acceptable to start work.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	3.3 Preparation		Roof was clean and dry prior to roofing installation.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	3.4 Vapor Retarder		Vapor retarder was applied prior to insulation.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	3.6 Single-Ply Membrane Installation		Single ply membrane install appeared acceptable.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	10/19/2021 11:52:43 AM - 06:00	3.7 Flashing and Accessories Installation		Flashing and accessories appeared acceptable. CCD roofing inspector reviewed and accepted installation.	Conformance	10/19/2021 8:44:26 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.7 Quality Assurance		The manufacture and applicator meet requirements.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.8 Delivery, Storage, and Handling		Delivery, storage and handling of materials was acceptable.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.9 Field Conditions		Field conditions; requirements A-F were accomplished.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.5 Anti-Graffiti Coating - Interior/Exterior		Exterior; requirement A 1-4 were accomplished.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.1 Examination		Examination; requirements A-D were accomplished Surfaces were ready to receive work and moisture test performed.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.2 Preparation		Preparation; requirements A-F of this section were acceptable prior to coating application. Surface was clean, accessories were protected with plastic and tape, and sealed prior to application.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Application		Application; requirements A-G listed in this section were acceptable at time of application.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		3.4 Field Quality Control		Field Control; requirement A of this section were acceptable. Field inspection was acceptable.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.5 Cleaning		Cleaning; requirement A of this section was acceptable. Contractor did not store flammable materials on site. Site cleaned prior to shift end.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.6 Protection		Protection; requirements A and B were acceptable. Surface was protected until dry.	Conformance	10/27/2021 2:34:24 PM -06:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Sequence of Operations - Cover Girders		Contractor placed Girders per Safety Critical plan submitted.	Conformance	11/19/2021 7:21:39 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/3/2021 3:11:17 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		There were no unplanned events.	Conformance	12/3/2021 3:11:56 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/3/2021 2:42:15 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Contingencies: (3) Equipment Failure		No equipment failure was observed.	Conformance	12/3/2021 2:43:08 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/3/2021 2:43:08 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/7/2021 11:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed.	Conformance	12/7/2021 11:52:18 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/22/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder erection.	Conformance	12/27/2021 7:42:30 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (1) Unplanned Events (Storms, Traffic Accidents, etc.)		No unplanned events were observed during girder placement.	Conformance	12/22/2021 12:46:16 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced during girder placement.	Conformance	12/22/2021 12:46:16 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced during the girder placement.	Conformance	12/27/2021 7:42:30 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced during girder placement.	Conformance	12/22/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced due to unsafe work.	Conformance	12/7/2021 11:52:18 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced due to unsafe work.	Conformance	12/3/2021 2:42:15 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced.	Conformance	12/7/2021 11:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced due to unsafe work.	Conformance	12/3/2021 2:43:08 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced due to unsafe work.	Conformance	12/3/2021 3:11:56 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (2) Replacement of workers who do not perform the work safely		No workers were replaced due to unsafe work.	Conformance	12/3/2021 3:11:17 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed.	Conformance	12/3/2021 3:11:17 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed.	Conformance	12/3/2021 3:11:57 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed.	Conformance	12/7/2021 11:52:18 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed during girder placement.	Conformance	12/7/2021 11:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed during girder placement.	Conformance	12/3/2021 2:42:15 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed during girder placement.	Conformance	12/22/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed during girder placement.	Conformance	12/22/2021 12:46:16 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (3) Equipment Failure		No equipment failure was observed during girder placement.	Conformance	12/27/2021 7:42:30 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder placement.	Conformance	12/27/2021 7:42:30 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder placement.	Conformance	12/22/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No major complications were observed during girder placement.	Conformance	12/22/2021 12:46:16 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed during girder placement.	Conformance	12/7/2021 11:52:18 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed during girder erection.	Conformance	12/7/2021 11:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed during girder placement.	Conformance	12/3/2021 2:43:08 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed during girder placement.	Conformance	12/3/2021 2:42:15 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed while placement of girders.	Conformance	12/3/2021 3:11:17 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (4) Other potential difficulties inherent in Bridge Girder Erection		No complications were observed during girder placement.	Conformance	12/3/2021 3:11:57 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed appeared to fit and line up.	Conformance	12/3/2021 3:11:17 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed appeared to fit and line up. All girder dowel pins were installed.	Conformance	12/3/2021 2:43:08 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders appeared to fit and be in line.	Conformance	12/3/2021 3:11:57 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed were in line and fit. All girder dowel pins were placed.	Conformance	12/7/2021 11:52:50 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		Girders fit and lined up. All girder dowel pins were placed.	Conformance	12/7/2021 11:52:18 AM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed appeared to fit and line up. All girder dowel pins were placed.	Conformance	12/3/2021 2:42:15 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed fit and were in line.	Conformance	12/22/2021 12:46:45 PM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed fit and were in line.	Conformance	12/27/2021 7:42:30 AM -07:00	C		Closed
Central 70	C 0704-241	Girders	Cover		Indicator Contingencies: (5) Structural Elements that don't fit or line up		All girders placed fit and were in line.	Conformance	12/22/2021 12:46:16 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	7/30/2022 4:25:25 AM - 06:00	3.05 General Installation		It was observed no Teflon Tape was used on male threaded fittings where the sprinkler heads attach to the swing pipe and the swing pipe attaches to the lateral. Teflon tape may also be missing in other areas (Quick coupling valve and Manuel Drain Valve). Teflon tape is called out in DPS Spec 3.(E & F)and Plan Sheet LDI-005.	In NCR 2912	8/15/2022 4:59:44 PM -06:00	NC-2	NCR 2912 was written	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.1 Formwork		Formwork appeared to be tight and rigid and conforming to plans and specs	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.1 Formwork		Formwork appeared motor tight and was conforming to plans and specs. Formwork also appeared to be the required 18" wide wall	Conformance	8/23/2022 3:27:53 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.1 Formwork		Formwork was observed to be conforming to Specs and Plans.	Conformance	8/31/2022 5:40:47 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.1 Formwork		Formwork was observed to be conforming to Plans and Specs	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM -06:00	3.1 Formwork		Formwork supports Vertical, Lateral, Static and dynamic loads. Exterior corners have been chamfered	Conformance	3/31/2022 8:14:43 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM -06:00	3.2 Embedded Items		Embedded Items have been placed	Conformance	3/31/2022 8:14:43 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.2 Embedded Items		All Embedded Items were observed to be included.	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.2 Embedded Items		Embedded items appeared to be included.	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.4 Steel Reinforcement		Steel Reinforcement appeared to conform to Plans and Specs	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.4 Steel Reinforcement		It was observed the light foundation on circular wall was missing the required 4 #4 bars dowelled into the structural deck. This was after IQC inspection. Suzanne from IQC was alerted to the missing bars.	Field Resolved	7/29/2022 7:48:01 AM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.4 Steel Reinforcement		Reinforcement was observed to be conforming to Specs and Plans.	Conformance	8/31/2022 5:40:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.4 Steel Reinforcement		It was observed that steel reinforcement did not have proper clearance from control joint and expansion joint. After talking with IQC Suzanne, we decided it was ok to bend reinforcement to create clearance from control joint and expansion Joints	Field Resolved	8/23/2022 3:27:53 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.4 Steel Reinforcement		Steel Reinforcement was observed to be conforming to Plans and Specs	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM -06:00	3.4 Steel Reinforcement		Reinforcement steel is free from rust and other foreign materials	Conformance	3/31/2022 8:14:43 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		Joints were observed to be installed according to Plans and Specs	Conformance	5/4/2022 12:46:15 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		Control joints and expansion joints were observed within steel reinforcement	Conformance	8/23/2022 3:27:53 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		Expansion joints and Control joints were observed within the Steel Reinforcement.	Conformance	8/31/2022 5:40:47 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		It was observed after backfill of Lightweight aggregate that the CIP Ramp Wall on the Columbine Bookend did not have the Control Joint or aesthetic Joints cut. I Alerted Brian Armstrong, Chris Merryfield and Joe Deptula of the issue. I observed someone setting up to cut the joints soon afterward.	Field Resolved	7/19/2022 2:10:38 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/9/2022 6:20:53 AM - 06:00	3.5 Joints		It was observed that an Expansion Joint called out per the Jointing Layout provided by Kiewit had been replaced with a control joint in a CIP Wall at Swansea Elementary. This was noticed after pouring and cutting of joints.	In NCR 2903	8/15/2022 4:58:42 PM -06:00	NC-2	NCR 2903 was assigned for this assessment	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		It was observed that no control joints were cut on the landscape wall on the East Bookend with more than a couple days since pouring. The question was asked to the general Forman (Jeff Rusch). Jeff Rusch asked the question and it found it had been forgotten. He assured me they were heading to the wall to mark the location and cut the joints.	Field Resolved	7/14/2022 2:45:05 PM -06:00	Field Resolved		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.5 Joints		It was observed that no control joints were cut on the landscape wall in the East Side Community Space with more than a couple days since pouring. The question was asked to the general Forman (Jeff Rusch). Jeff Rusch asked the question and it found it had been forgotten. He assured me they were heading to the wall to mark the location and cut the joints.	Field Resolved	7/14/2022 2:43:32 PM -06:00	Field Resolved		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		3.9 Concrete Protecting and Curing		Concrete was observed to be cured.	Conformance	6/22/2022 8:05:09 AM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	8/19/2022 6:33:23 AM - 06:00	3.11 Concrete Surface Repairs		It was observed that the Swansea fence wall had irregularities on the top of wall up to 7/8" in two areas within about 5LF. This does not follow our tolerances outlined in the ACI 117 Section 4.	Captured in NCR 2914	8/23/2022 10:33:16 AM -06:00	NC-2	NCR 2914 was written.	Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	2.2 Steel Reinforcement		Steel reinforcement appeared to be following Plans and Specs.	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	3.2 Preparation		Subgrade appeared compacted without loose material.	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	3.3 Edge Forms and screed construction		Edge Forms and Screeds appeared to be following Plans and Specs.	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	3.4 Joints		Construction joints and expansion Joints were observed to be following plans and specs.	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	3.7 Concrete Protection and Curing		Curing compound was observed on paving surface.	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	9/12/2022 7:46:35 AM - 06:00	3.8 Paving Tolerances		Paving appears to follow paving Tolerances as outlined in ACI 117	Conformance	9/8/2022 4:28:45 PM -06:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Verify the surface preparation is in accordance with the following requirements of this section		Surface was adequately prepared according to plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Verify the surface preparation is in accordance with the following requirements of this section		Substrate was adequately prepared within Plans and Specifications.	Conformance	1/19/2022 10:50:27 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(a) Surface conditioner application (to concrete)		Surface Conditioner was applied within conformance to Specifications and Plans	Conformance	1/19/2022 10:50:27 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(a) Surface conditioner application (to concrete)		Surface was adequately prepared according to plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(b) Waterproofing membrane preparation		Substrate was observed to be prepared within conformance to Spec	Conformance	1/19/2022 10:50:27 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(b) Waterproofing membrane preparation		Waterproofing Membrane was prepared within plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(d) Waterproofing Membrane Application		Waterproofing Membrane was applied within plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(d) Waterproofing Membrane Application		Application of Waterproofing Membrane was observed to be within conformance to Plans and Specifications.	Conformance	1/19/2022 10:50:27 AM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(a) Separation/Protection course shall be installed as follows:		Protection Course/Root Barrier Protection was prepared within plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		Verify the following testing was conducted in accordance with the following requirements of this section		P.I.E preformed the Integrity Test according to plans and specifications, (High Voltage)	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(a) All Drainage, Geofoam and Components shall		Hydrodrain was installed according to plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover		(c) Hydrodrain Air Layer		Hydrodrain was installed according to plans and specifications	Conformance	2/17/2022 3:41:09 PM -07:00	C		Closed
Central 70	C 0704-241	Cover Top / Swansea Elementary	Cover	3/31/2022 10:38:10 AM - 06:00	Section 601 of the Standard Specification is hereby revised for this project as follows:		Concrete was observed to be vibrated during placement to achieve consolidation and uniform finish. Revision of Spec 601.10(e) states "When SCC is used, vibration shall not be used to consolidate the concrete." Ongoing conversation/procedure needs to be had/developed to control the use of vibration as to not over consolidate the concrete	Item was reviewed. Field observations will continue of over vibrating concrete.	4/11/2022 3:46:30 PM -06:00	Audit Comment	We have reviewed wall details with our crews/PC/IQC teams.	Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover		1.8 Delivery, Storage, and Handling		Contractor was in compliance with the requirements in section 1.8.	Conformance	3/31/2022 8:12:50 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		1.9 Project Conditions		Contractor was in compliance with requirements of section 1.9	Conformance	3/31/2022 8:12:50 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		2.2 Glazed Aluminum Sectional Overhead Doors		Contractor is in compliance with the following requirement 2.2 Glazed Aluminum Sectional Overhead Door.	Conformance	3/31/2022 8:12:50 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.3 Installation		Contractor is in compliance with the requirements of section 3.3 Installation.	Conformance	3/31/2022 8:12:50 AM -06:00	C		Closed
Central 70	C 0704-241	Building	Cover		3.4 Adjusting and Cleaning		Contractor is in compliance with the requirements in section 3.4 Adjusting and Cleaning	Conformance	3/31/2022 8:12:50 AM -06:00	C		Closed

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Project	Contract	Process	Schedule	Date Performed	Requirement	Reference	Objective Evidence	Closed Reason	Closed Date	Result	Response	Status
Central 70	C 0704-241	Building	Cover	5/2/2022 9:31:02 AM - 06:00	3.4 Installation of Fire-Alarm Wiring		Fire alarm low voltage wiring should not share a raceway. The contractor has installed the fire alarm low voltage wiring that is sharing a common raceway. Contractor is not in compliance with the following requirement from PA section 260519 - 5, 3.4, A., 2. Fire-alarm circuits and equipment control wiring associated with fire-alarm system shall be installed in a dedicated pathway system. This system shall not be used for any other wire or cable, and 260519 - 5, 3.4, B, 1. Cables and pathways used for fire-alarm circuits, and equipment control wiring associated with fire-alarm system, may not contain any other wire or cable.	Audit is retracted	5/19/2022 8:30:45 AM -06:00	NC-2	Audit being retracted by CDOT	Closed
Central 70	C 0704-241	SX	Roadway	6/24/2022 9:20:29 AM - 06:00	Transverse joints shall be formed by cutting back on the previous run to expose the full depth of the course.		Area shown in photo does not match jointing plans. Joint should have been milled at a 90 degree angle to pavement at inlet. Spoke to Max Hoffmeister and Amanda Tabor about this non conforming work.	Captured in NCR	6/27/2022 2:49:30 PM -06:00	NC-2	EMCR 1561 was assigned for this assessment	Closed