



**COLORADO**

Department of Transportation

Statewide Bridge Enterprise

# Colorado Bridge Enterprise

Quarterly Report No. 19 (Q2 FY2016)



Colorado Bridge Enterprise

FY 2016, 2nd Quarterly Report

March 31, 2016

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## Introduction

This report is the nineteenth Quarterly Report (Report) published in support of the Colorado Bridge Enterprise (CBE or “Program”). This Report outlines progress and accomplishments associated with the Program for work completed during October, November and December of 2015; which coincides with the second quarter of CDOT’s 2016 fiscal year (or Q2 FY2016). Detailed information regarding the FASTER (Funding Advancement for Surface Transportation and Economic Recovery) legislation, program development activities, bond program, previous significant milestones and achievements can be found in the Program Annual Reports and previous Quarterly Reports viewable on the Colorado Department of Transportation (CDOT) website at [www.coloradodot.info/programs/BridgeEnterprise](http://www.coloradodot.info/programs/BridgeEnterprise).

During Q2 FY2016, the Program primarily focused on the close out of bridge projects partially or fully funded by the \$300M bond program. The following is an itemization of other significant achievements, some of which are discussed in further detail later in the report:

- Drafted and finalized the Eighteenth Bridge Enterprise Quarterly Report for Q1 FY2016 (July, August, and September of 2015).
- Completed monthly updates to the overall Program Schedule for work completed in October, November and December of 2015.
- Approval and adoption of the FY2016 Bridge Enterprise third and fourth Budget Supplements.
- Updated program status for various program metrics including Major Achievements, Total Program Financial Performance, Status of FASTER Eligible Bridges, Status of \$300M Bond Bridges, Status of 30 Most Deficient Bridges, and Un-Programmed Priority Bridge Enterprise Bridges.
- Presented a FY 2016-17 Draft Budget and FY 2014-15 revenue reconciliation package to the Board of Directors.
- Continued efforts on de-programming of dollars with completed phases and actively re-programming surplus dollars back into the Program.
- Significant participation on the task team established to address and document policies related to FASTER Performance Audit recommendations.
- Bridge Enterprise Prioritization Plan updated based on the 2015 On-System Poor List released by Staff Bridge end of December 2015.

## Program Highlights

There are eighty-nine 89\* bridges that are partially or fully funded to be completed as part of the \$300M bond program. Ninety-seven percent of the bond funded bridge projects can be classified as complete, in construction or are waiting to go to construction (87 in total); as compared to the number of bridges in the pre-construction, design or project startup phase (2 in total), at 3%.

*\*Four structures were removed from the bond count at the close of FY15; these structures had been initially programmed to use bond funds but it has been determined that bonds funding were not applied. The methodology for the 2010 Bond program bridge count has changed from programmed bridges to budgeted bridges.*

Projects in the preconstruction phase are primarily focused on the completion of the PS&E's (Plans, Specifications and Estimates). In conjunction with this, CDOT specialty groups are diligently working on completing the requisite approvals and permits associated with environmental, railroad, and utility clearances or relocations; securing the necessary Right-of-Way (ROW); and finalizing intergovernmental agreements (as required), etc. Per the current program schedule, construction work is projected to continue to taper-off during calendar year 2015 into calendar year 2016.

As of the end of December 2015, there were a total of one-hundred-ninety-two (192) bridges considered eligible to receive FASTER funding. This is an increase of three (3) structures since the last quarterly report. Based on the data provided in the bridge listing generated by CDOT Staff Bridge, three bridges' ratings fell below 50 which makes them automatically eligible for the Program. The progress status associated with the 192 structures is itemized in *Table 1* below; the three newly poor bridges are depicted in *Table 2*.

**Table 1.** Project Status as of Q2 FY2016

Project Phase	Number of Bridges
Remaining Projects	39
In Design/Design Completed	14
In Construction	19
Projects Completed (1)	120
<b>Total (2) (3)</b>	<b>192</b>

- (1) Reference Appendix A for List of Completed Bridges
- (2) Reference Appendix B for complete List of FASTER eligible bridges
- (3) Reference Appendix C for Colorado State map of FASTER eligible bridges

**Table 2.** Newly Poor Structures Added to the Program Q2 FY2016

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection
E-17-EQ	1	Denver	SH 265 over ML Race Street
P-09-L	5	Archuleta	US 84 ML over Rio Blanco
K-11-G	5	Saguache	US 50 ML over Agate Creek

Other relevant bridge and financial statistics are as follows:

- Approximately 72% of FASTER eligible bridges (19+120) are now in construction or completed.
- Approximately 7% of FASTER eligible bridges (14) are currently in design or design is completed.
- 19% of FASTER eligible bridges remain to be programmed (39).
- Additionally, \$298.1M of bond program funds have been expended to date. (reference *Table 6*).

The program schedule progress and performance information presented in *Table 3* shows the value of the work complete through Q2 FY2016 as compared to what had been planned to be completed per the baseline schedule. The earned value of work complete to date was \$669M as compared to the planned value of the work scheduled to be completed at \$710M; which indicates that the program was approximately 6% behind the plan.

Note - Earned Value at the project level is attained by multiplying the percent complete of a project's activity by its respective budget. Earned value is rolled-up from the project level to the region level, and then again rolled-up from the region level to the program level.

**Table 3.** Q2 FY2016 Earned Value by CDOT Region and Program

CDOT Region	Planned Value of Work through Dec. 31, 2015	Earned Value of Work through Dec. 31, 2015	Schedule Variance
1	\$459,178,210	\$447,262,467	\$11,915,743
2	\$95,924,295	\$89,943,942	\$5,980,353
3	\$94,996,010	\$71,963,314	\$23,032,696
4	\$48,167,090	\$47,486,664	\$680,426
5	\$12,110,096	\$12,199,108	\$89,012
<b>Total</b>	<b>\$710,375,700</b>	<b>\$668,855,495</b>	<b>\$41,520,205</b>

The Program utilizes cost and schedule Key Performance Indicators (or KPIs) to track, monitor and report on program performance. As part of the monthly schedule update, a Schedule Performance Index (SPI) is calculated for each project included within the bond program. The SPI is also calculated and reported at the regional and program levels. The SPI is based upon earned value which compares actual progress to planned performance based upon work complete to date. The program SPI for work complete through December 2015 (Q2) was 0.94; which reflects a 0.01 increase from the previous quarter (Q1) which was 0.93. The program has established an SPI goal during execution of greater than or equal to 0.90.

## Program Activities and Accomplishments in Q2 FY2016

The Program's main activities and significant accomplishments are briefly described below.

- Program Schedule Updates for October, November and December 2015
- The Third and Fourth Budget Supplements of FY2016 were sent to the Bridge Enterprise Board of Directors in October and November 2015 respectively. No supplements were presented to the Board in December as no Board meeting was held.
- Program Progress/Status Update: the program status was updated for October, November and December (FY16 Q2) to reflect program metrics including Major Achievements, Total Program Financial Performance, Status of FASTER Eligible Bridges, Status of \$300M Bond Bridges, Status of 30 Most Deficient Bridges and Un-programmed Priority BE Bridges. The Bridge Enterprise section of the October and November Transportation Commission of Colorado Agenda Books contain the noted data; No book was published in December.
- The Prioritization Plan (PP) was updated based on the release of the 2015 On-System Poor List by Staff Bridge in December 2015. PP has been revised from previous plans to include two new categories and a color coding system that shows current conditions for each category. These changes have been implemented to coincide with the new Policy and Procedural Directives that were developed in response to the Office of the State Auditor's (OSA) recommendations regarding prioritization of projects. These changes are intended to provide more transparency to the prioritization process and related decision making.
- Bridge Enterprise published a *Strategies for Enhancing Bridge Service Life* report in Q1 of FY2015 that identifies best practices associated with designing a bridge for 100-year service life. These strategies were implemented on two (2) projects in Q2 of FY2015.
- Bridge Enterprise staff is working with CDOT OIT to revise the presentation of information on the BE website to increase transparency and reduce the maintenance required on a monthly basis.
- Bridge Enterprise staff performed data research and worked with CDOT staff to draft the 2015 Annual Report as mandated by legislature.
- Bridge Enterprise staff is currently proceeding with the proposed contribution of \$850M for the Central 70 replacement project.
- Bridge Enterprise staff continues to conduct bi-weekly internal meetings to coordinate upcoming deliverables and ongoing initiatives
- Bridge Enterprise staff continues to provide progress updates and continued policy integration efforts with the PMO as requested by CDOT. PMO coordination has also evolved into assistance with Primavera scheduling activities.
- Bridge Enterprise financial manager continued to work with CDOT admin staff on de-programming dollars with completed phases and actively re-programming the surplus dollars back into the program via new work scope or used to cover increases to planned budgets.
- Bridge Enterprise staff continues to track and report actual expenditures compared with forecasted spending.
- Bridge Enterprise staff continued to support CDOT Public and Government Relations as it relates to CDOT / Bridge Enterprise website improvements and monthly "dash-board" metric updates.
- Bridge Enterprise staff coordinated with CDOT Government Relations office to develop new Policy and Procedural Directives related to the functions of the Bridge Enterprise.

**Significant Program Meetings or Presentations for FY 16 Q2 included:**

- Monthly Schedule Change Control Board Meetings
- Monthly briefings to CDOT SMT on Bridge Enterprise Board of Directors agenda item packages
- Monthly Bridge Enterprise Board of Directors Workshops and Meetings
- Bridge Enterprise Monthly Progress Meetings
- PMO Weekly Coordination Meetings
- ACEC Quarterly Liaison Meeting
- CDOT Policy and Procedural Directives meetings
- CDOT Innovative Contracting Advisory Committee Meeting
- CDOT Staff Bridge Communication Day Event
- Ilex Monthly Update for BE and FHWA
- Grand Avenue Bridge Project Meetings
- Staff Bridge Unit Leaders Meeting
- 4DX Lead/Lag Performance Review Meetings
- FIU conference on Accelerated Bridge Construction (ABC)

**Completed Projects**

There were seven structures (four projects) completed during the period as itemized in *Table 4* below.

**Table 4.** Completed Projects / Bridges

Region	Original Bridge Number	County	Facility Carried over Featured Intersection
1	F-16-EF	Denver	US 6 over the South Platte River (US 6 D-B)
1	F-16-EJ	Denver	US 6 over BNSF Railroad (US 6 D-B)
1	F-16-EN	Denver	US 6 over Bryant Street (US 6 D-B)
1	E-17-DC	Adams	I 76 EBND over UP RR; E of US 85
1	E-17-DU	Adams	I 76 WBND over UPRR; E of US 85
2	P-23-A	Las Animas	SH 160 over Smith Canyon Tributary
4	B-16-D	Larimer	SH 14 over Cache La Poudre River; E of US 287

**Innovative Projects Update**

**6th Avenue Design-Build Summary:** The 6th Avenue D/B bridge project was completed eight months ahead of schedule and the milestone was celebrated in early December at the project site. Crews completed work on six new bridges and rehabilitation on six others between February 2014 and October 2015. BE funded three of the 12 structures. The total project cost \$98 million. Some of the most noticeable changes include the new interchange to Interstate 25 as well as the bridge to Federal Boulevard. (*Images 1 – 3* below illustrate the December 2, 2015 milestone celebration event and bridge completion.)

Images 1-3 below, 6<sup>th</sup> Ave. D/B completion, Dec. 2015 ribbon-cutting ceremony.



### Grand Avenue Bridge Summary:

- The Region 3 Grand Avenue Bridge CM/GC project is anticipated to move forward with construction beginning January 2016.
- The project will replace the existing Grand Avenue Bridge which carries SH 82 over the Colorado River in Glenwood Springs and is funded through Bridge Enterprise, CDOT, contributions from utility companies, and several local governments including the City of Glenwood Springs, Garfield County, and Eagle County.
- Of note, SH 82 is the primary access to the Roaring Fork Valley including Glenwood Springs, Carbondale, Basalt and Aspen. (Grand Avenue Bridge Renderings are depicted in *Images 4 – 6.*)

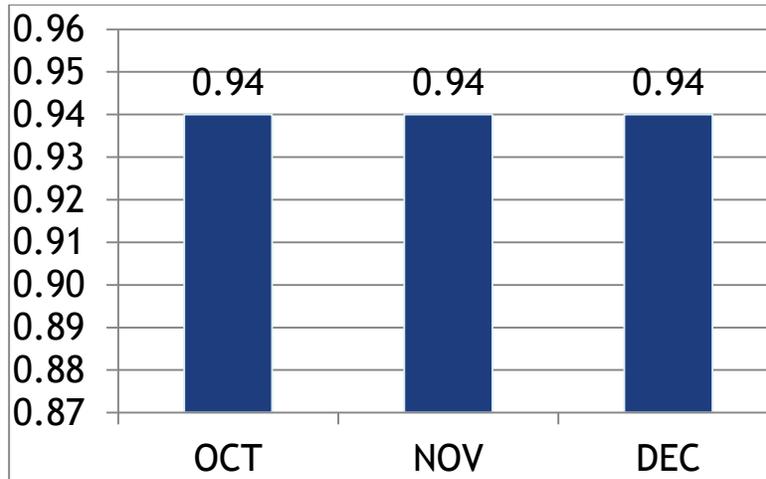
Images 4-6 below, Region 3 Grand Avenue Bridge Renderings



### Program Schedule Update

The program schedule was updated three times during the period for work completed in October, November and December of 2015. This includes publishing the monthly updated program bar-chart schedule, cost and schedule database, and list of projects with an SPI < 0.90. This information was consolidated and distributed to the Regional Transportation Director's (or RTD's) and their respective program engineers. The SPI's reported for each month during the quarter are graphically depicted in *Figure 1* below.

**Figure 1.** Program SPI Reported by Month, for the Period:



### Schedule Change Control Board

The Schedule Change Control Board (SCCB) conducts monthly meetings that are attended by senior CDOT HQ staff, regional transportation directors and program engineers. The purpose of the SCCB meetings is two-fold: (1) document and review projects with an SPI < 0.90, and (2) allow the RTD's (or their designated delegate) an opportunity to petition the SCCB to make adjustments to a project's baseline schedule when the schedule logic does not reflect current project delivery and is artificially impacting the SPI calculation. Formal meeting minutes were published with a list of attendees and an itemized list of SCCB approved changes; subject changes were incorporated into the program schedule in the subsequent schedule update.

Note - the SCCB policy is not intended to provide relief to poorly performing projects. Guidance Document #7 Rev. #1 allows a project schedule to be re-baselined when a project transitions from design to construction phases.

### Major Project/Program Strategic Planning and Coordination

The Bridge Enterprise staff continues to work intimately with various CDOT project teams on coordination, funding eligibility, and strategic planning issues associated with the following large projects:

- **REGION 1:**
  - Colfax over Tollgate Creek; Arapahoe Road over Cherry Creek; I-70 business route over I-70 ML east of Idaho Springs; I-70 ML WB over US 6: Bridge Enterprise staff continues to attend site and progress meetings and actively provide ongoing support for these projects.
  - I-70 over Havana Street: Attended EMT meetings and provided ongoing attendance and project support.
  - US 287/69<sup>th</sup> bridge: Bridge Enterprise staff attended on-site project progress meeting.
  - US6 over Garrison Street: Continued coordination and support to the project team.

- US 6th Avenue bridge/road improvement: Bridge Enterprise has three replacement bridges in the project; 6th Ave over BNSF, So. Platte River and Bryant Street. Program staff attended meetings for project team coordination and attended the ribbon-cutting ceremony to mark the completion of the project in December 2015.
- Central 70/Viaduct: Attended several meetings and continue to coordinate with the CDOT project team as-needed.
  
- **REGION 2:**
  - Ilex Design/Build Bridge Replacement/Rehabilitation project: Continuing attendance at meetings, including the Design/Build monthly update meeting with region staff and FHWA.
  
- **REGION 3:**
  - SH 82 Grand Ave Bridge in Glenwood Springs:
    - Continue work with program engineer to track and forecast the estimated total project costs.
    - Attended meetings and/or conference calls regarding the status of right-of-way and utility issues, project leadership team coordination issues, and project public involvement issues.
    - Bridge Enterprise staff provided guidance to the project management and design team on the avoidance of undesirable contractual risk elements.
    - Attended Grand Ave. Bridge project OPCC #5 and CAP Negotiation Meetings Provided guidance to the project management and design team on CM/GC process
    - Continued to provide guidance to the region regarding the financial constraints to which the project must adhere
    - Provided guidance and support to project teams and regions on the procurement of additional outside sources of funding for projects
    - Continued to provide support and input on the required IGA's needed for the local government funding sources.
  - I-70 over US6, UPRR & Eagle River: Bridge Enterprise team continues to actively provide ongoing support to this project.
  
- **REGION 5:**
  - SH90 over Dolores River: Continued coordination and provide guidance and support to the project team regarding the development of the project; program eligibility of project features and the Historic Preservation process.

### Central 70 (I-70 Viaduct) Q2 Summary

- The Central 70 project has made significant progress in 2015. Beginning in December 2014, several resolutions were passed by the Bridge Enterprise Board confirming the project scope as replacement of the I-70 Viaduct and lanes that extend to I-225. The delivery method was confirmed to be a Public-Private-Partnership (P3). The project will be procured as a Design-Build-Finance-Operate-Maintain (DBFOM) delivery. The Bridge Enterprise contribution to the overall \$1.2B project will be \$850M (Net Present Value).

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- Bridge Enterprise staff conducted an eligibility review of the procurement documents available to teams on the HPTE website. As a result, a resolution was passed by the Bridge Enterprise Board of Directors confirming the eligible items.
  - Efforts to secure a delivery team began in Spring 2015. A total of five teams submitted Statements of Qualification, with four being 'short listed' to submit proposals. Final selection of a delivery team is anticipated in Fall of 2016.

### **FASTER Process Audit Findings/Policy and Procedural Directives Adopted**

The BE Program team had significant involvement on the CDOT task team that was established to develop policies related to the Office of the State Auditor's (OSA) FASTER Performance Audit recommendations.

### **Bond Spending**

Including net bond proceeds and interest earnings on the bond proceeds, the actual spend down was at 96.7% on December 31, 2015. The Bridge Enterprise team is continuing its efforts to assure 100% spend down of the bonds by: Transferring Bond budget from substantially complete and slow spending projects to projects that could spend the budget faster; and by the Bridge Enterprise Accountant billing the Trustee weekly rather than monthly to speed up the reimbursement process.

### **Monthly / Quarterly Program Reports**

*Q1 FY2016 Quarterly Report:* Bridge Enterprise completed the quarterly report highlighting program progress for work complete in July, August and September of 2015, which coincides with CDOT's first quarter of fiscal year 2016 (Q1 FY2016). The publication of the report was put behind schedule due to the delay of fiscal year close financial figures.

*Monthly Progress Reports:* Bridge Enterprise completed and presented monthly progress reports to the Board of Directors in October and November of Q2 FY2016 (No BOD meeting December).

### **FASTER Job Creation**

FHWA tracks the economic benefits of highway capital investments (which include bridge replacement projects), and from a job creation perspective employment impacts fall into three categories as listed below:

- Direct jobs are occupations that work directly on the project such as project planners, designers, engineers and construction workers.
- Indirect jobs means positions at suppliers of materials for the project, such as steel, concrete, wood, etc.
- Induced jobs are jobs created by the spending of monies provided as project salaries [or employee payroll] for items such as mortgage payments, groceries, gas, entertainment, etc.

The most recent official estimate of the impacts of infrastructure investment on employment was generated by Council of Economic Advisers (CEA) within the Executive Office of the President. In a 2014 DOT statement, the CEA estimated that every \$1 billion in Federal highway and transit investment funded by the American Jobs Act would support 13,000 jobs for one year. For the program, this correlates to approximately 5,691 full-time positions, primarily construction craft labor. In addition,

preconstruction program expenditures (i.e., engineering and project designs) created another approximately 1,984 full-time positions; primarily engineers. Combined, there were approximately 7,675 direct jobs created by CBE FASTER program spending to date. Included in the above number are approximately 5 CDOT FTE's (full-time equivalents) for this quarter; staff responsible for the day-to-day delivery of the program based upon CDOT payroll records.

### Resolutions Approved by the Statewide Bridge Enterprise Board

The following is a brief overview of resolutions passed by the Statewide Bridge Enterprise Board of Directors or significant topics discussed during Q2 FY2016 as itemized in *Table 5* below.

**Table 5.** Board Resolution / Significant Topics:

October Board of Directors Meeting
<ul style="list-style-type: none"> <li>▪ FY 2016 - 2017 Draft Budget presented</li> <li>▪ FY 2014 – 2015 Revenue Reconciliation Information</li> <li>▪ Adoption of the 3rd Budget Supplement for FY2016, BE-15-10-2</li> <li>▪ Monthly Progress Report</li> </ul>
November Board of Directors Meeting
<ul style="list-style-type: none"> <li>▪ Q4 FY 2015 BE Program Financial Update</li> <li>▪ Adoption of the 4th Budget Supplement for FY2016, BE-15-11-2</li> <li>▪ Monthly Progress Report</li> </ul>
December Board of Directors Meeting
<ul style="list-style-type: none"> <li>▪ No meeting held</li> </ul>

### Other Significant Achievements and On-Going Activities

- Continuing attendance in Leading/Lagging Performance Review meetings.
- Support of I-70 Viaduct project development through attendance of multiple coordination, financing and eligibility meetings.
- Provide ongoing updates to Program financial forecasting, impacts, and forecasts related to the Bridge Enterprise program.
- Continuance of bi-weekly internal meetings to coordinate upcoming deliverables and ongoing initiatives.
- Perform ongoing updates to the program schedule, bar-chart schedule, and list of projects with SPI<0.90, and distribute to CDOT regional RTD's and program engineers.
- Program staff attends and participates in monthly Schedule Change Control Board and Chief Engineer/RTD meetings, including preparation of agendas and supporting charts, graphs and other documents.
- Continuing coordination and compilation of required documents and memorandums for Transportation Commission and Bridge Enterprise Board meetings. Also provide monthly briefings to CDOT executive staff regarding Commission and Board agenda items.
- Attend PMO Update, Schedule Policy Coordination and Staff Bridge Unit Leaders Meetings.
- Bridge Enterprise staff continues to provide progress updates and continued policy integration efforts with the PMO as requested by CDOT.
- Coordination with CDOT staff on the inclusion of BEPM 100-year Bridge Design Life document in the planned Bridge Design Manual revision.

- Conduct monthly briefings to CDOT SMT on Bridge Enterprise Board of Directors agenda item packages. Also attend all related workshops, Commission and Board meetings.
- Prepare materials and conduct monthly Bridge Enterprise Progress meetings.
- Assist CDOT Government Relations office in reviewing and editing reports relating to Bridge Enterprise.

## Program Financial Information

The following is a program overview of financial statistics as of December 31, 2015.

- The program has multiple funding sources including: proceeds from the Build America Bond program, FASTER bridge dollars which is commonly referred to as the statewide pay-go program (collected yearly revenues from vehicle registrations), Bank of America Loan, and Other Funds which are primarily Federal-aid BR funding.
- From program inception (life-to-date) through December 31, 2015, a total of \$888.7M has been budgeted (all funding sources), and Expenditures and Encumbrances are \$590.4M and \$148.6M (all funding sources), respectively. Reference *Table 6* below for details by funding source.
- For comparison purposes, the totals from the previous quarterly report (Q1 FY2016) are also reported in the far right column.
- There is currently \$308.2M of bond proceeds and interest earnings available, with \$308.2M budgeted. Actual expenditures were \$298.1M with an encumbrance balance of \$0.0M.

**Table 6.** Program Financial Statistics as of (\$ in Millions)

	Build America Bonds 2010 A Proceeds	FASTER Bridge	Bank of America Loan	Other Funds	Total Q2 FY2016	Total Q1 FY2016
<b>Budget</b>	\$308.2	\$501.1	\$40.3	\$39.1	<b>888.7</b>	<b>\$791.6</b>
<b>Expenditures</b>	\$298.1	\$221.7	\$39.8	\$30.8	<b>590.4</b>	<b>\$552.6</b>
<b>Encumbrances</b>	\$0.0	\$145.8	\$0.1	\$0.9	<b>146.8</b>	<b>\$150.1</b>

- The Statewide Bridge Enterprise program currently consists of one-hundred-nineteen (119) funding-eligible bridges, including eighty-nine (89) bridges budgeted with bond funds. The methodology for the 2010 Bond program bridge count has changed from programmed bridges to budgeted bridges. The currently programmed amount for these one-hundred-nineteen bridges is approximately \$931.6M. *Table 7* below provides an itemization of current funding sources for the Bridge Enterprise program.

**Table 7.** Current Allocation Plan (\$ in Millions)

Build America Bonds	FASTER Bridge	Other Funds	Bond Interest	Total
<b>\$298.1</b>	\$542.4	\$81.0	\$10.1	<b>\$931.6</b>

## Economic Outlook

The following are highlights from project bid data results maintained by CDOT's Engineering Estimates and Market Analysis (EEMA) group for bridge replacement and rehabilitation projects advertised during the period. Please note that the bridges listed in Table 8 below are not currently slated to receive Bridge Enterprise funding.

- Between 10/1/2015 and 12/31/2015 there were a total number of 9 Design-Bid-Build bridge-related projects and 33 bidders for those projects.
- There were on average four bidders per bridge-related projects during the period.
- The average awarded amount per bridge-related Design-Bid-Build projects between 10/1/2015 and 12/31/2015 was \$1,9M.

**Table 8.** Q2 FY2016 CDOT Bridge Projects Bid Results

CDOT Region	Project / Location	Work Type	# of Bids	Awarded Amt.
1	R1 Region-wide/Denver Rehabilitation	Bridge Restore/Rehab.	4	\$1,080,695.59
1	R1 Essential Expansion Joint Repairs	Bridge Restore/Rehab.	2	\$1,086,576.00
1	I-70 Bridge Repairs	Bridge Restore/Rehab.	4	\$1,904,997.80
1	Bridge Replacement SH30	Bridge Replacement	3	\$2,613,092.95
2	US 24E I-17-A Bridge Rehabilitation	Bridge Restore/Rehab.	2	\$1,851,017.00
2	Bridge Repair SH 231	Bridge Restore/Rehab.	4	\$2,636,231.00
3	US 6 Lake Creek Bridge (F-10-C )	Bridge Replacement	6	\$2,480,090.00
4	I-70 Kit Carson County	Bridge Restore/Rehab.	5	\$3,492,615.70
5	US 24 I-12-T Bridge Repair	Bridge Restore/Rehab.	3	\$249,648.00

## Producer Price Index Analysis

*Source: Associated Builders and Contractors, Inc. (ABC) Construction Economic Update Publication*

The Producer Price Index (PPI) of the Bureau of Labor Statistics (BLS) is a family of indexes that measures the average change over time in prices received (price changes) by producers for domestically produced goods, services, and construction. PPIs measure price change from the perspective of the seller. According to published reports from Associated Builders and Contractors (ABC), construction material prices fell for the sixth consecutive month in December 2015, the close of CDOT Q2, losing 1.2 percent on a monthly basis and 4 percent on a yearly basis based on an analysis of the BLS PPI. Construction input prices have fallen 7.2 percent since peaking in August 2014, and have fallen in eleven of the previous sixteen months.

### Only four key input prices expanded in December on a monthly basis:

- Natural gas prices expanded 5.2 percent month-over-month but are down 46.5 percent year-over-year.
- Prices for prepared asphalt and tar roofing and siding products rose 1 percent on a monthly basis but are down 2 percent on a yearly basis.
- Concrete product prices ticked 0.3 percent higher from November and are up 3 percent from the same time one year ago.

- Fabricated structural metal product prices inched 0.1 percent higher for the month but are 0.9 percent lower than at the same time one year ago.

**Seven key input prices fell in December on a monthly basis:**

- Crude petroleum prices plunged 16 percent month-over-month and are 43.3 percent lower year-over-year.
- Crude energy materials prices fell 5.7 percent for the month and are down 35.8 percent for the year.
- Softwood lumber prices shed 2.9 percent from November and are 6.8 percent lower than at the same time one year ago.
- Steel mill product prices dipped 2.7 percent for the month and 19.8 percent for the year.
- Prices for nonferrous wire and cable fell 2.7 percent on a monthly basis and are down 9.9 percent on a yearly basis.
- Iron and steel prices are down 2.2 percent for the month and 23.7 percent for the year.
- Prices for plumbing fixtures and fittings fell 0.5 percent month-over-month but expanded 1.3 percent year-over-year.



Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
E-16-FP	1	ADAMS	80TH AVE over US 36 ML	Construction Complete	2009
E-16-GQ	1	ADAMS	SH 95 ML (SHERIDAN BLVD) over UP RR, RR SPUR; N of JCT I 76 in WHEATRIDGE	Construction Complete	2009
E-17-AR	1	ADAMS	SH 7 ML over SOUTH PLATTE RIVER	Construction Complete	2009
E-17-CA	1	ADAMS	SH 44 ML(104TH AVE) over SOUTH PLATTE RIVER; W of JCT US 85	Construction Complete	2009
E-17-DC	1	ADAMS	I 76 ML EBND over UP RR; E of JCT US 85	Construction Complete	2009
E-17-DM	1	ADAMS	I 76 ML WBND over UP RR	Construction Complete	2009
E-17-DN	1	ADAMS	I 76 ML EBND over UP RR	Construction Complete	2009
E-17-DU	1	ADAMS	I 76 ML WBND over UP RR; E of JCT US 85	Construction Complete	2009
E-17-ER	1	ADAMS	SH 44 ML(104TH AVE) over BULL SEEP;W of US 85	Construction Complete	2009
E-17-EX	1	ADAMS	PEORIA STREET over I 76 ML; NE of JCT US 85	Construction Complete	2009
E-17-EZ	1	ADAMS	84TH AVE over I 25 ML	Construction Complete	2009
E-17-GM	1	ADAMS	I 76 ML EBND over SOUTH PLATTE RIVER; NE of JCT I 270	Construction Complete	2009
E-17-HG	1	ADAMS	104TH AVE over I 25 ML	Construction Complete	2009
E-17-HL	1	ADAMS	I 76 ML EBND over SH 224 ML	Construction Complete	2009
E-17-GL	1	ADAMS	I 76 ML WBND over SOUTH PLATTE RIVER; NE of JCT I 270	Construction Complete	2011
F-16-F	1	ARAPAHOE	US 85(SANTA FE) ML NBND over DAD CLARK GULCH; in LITTLETON	Construction Complete	2009
F-16-FY	1	ARAPAHOE	US 285 ML SBND over SH 88 ML	Construction Complete	2009
F-16-FZ	1	ARAPAHOE	US 285 ML NBND over SH 88 ML	Construction Complete	2009
F-17-DM	1	ARAPAHOE	SH 88 ML/ARAP RD over CHERRY CREEK; W OF SH 83(PARKER RD)	Construction Complete	2009
F-17-F	1	ARAPAHOE	US 40 ML(E COLFAX) EBND over SAND CREEK; E of I-225	Construction Complete	2009
F-19-B	1	ARAPAHOE	US 36 ML over COMANCHE CREEK; E of STRASBURG	Construction Complete	2009
F-17-BS	1	ARAPAHOE	US 40 ML(E COLFAX) WBND over SAND CREEK; E of I-225	Construction Complete	2011
O-25-I	2	BACA	US 160 ML over DRAW; W of PRITCHETT	Construction Complete	2009
O-26-L	2	BACA	US 160 ML over CAT CREEK; W of SPRINGFIELD	Construction Complete	2009
O-25-H	2	BACA	US 160 ML over N FK SAND ARROYO; SW of PRITCHETT	Construction Complete	2010
L-24-F	2	BENT	SH 101 ML over PURGATOIRE RIVER; S of LAS ANIMAS	Construction Complete	2009
M-24-B	2	BENT	SH 101 ML over DRAW; S of LAS ANIMAS and JCT US 50	Construction Complete	2009
E-16-FK	1	BROOMFIELD	SH 121 ML SBND- WADSWORTH PKWY over US 36 ML (DENVER/BOULDER TNPK)	Construction Complete	2009
E-16-FL	1	BROOMFIELD	CNTY RD / OLD WADS over US 36 ML (DENVER/BOULDER TNPK); SE of JCT SH 121	Construction Complete	2009
F-14-B	1	CLEAR CREEK	I 70 FRONTAGE RD over CLEAR CREEK (SR); W IDAHO SPRINGS	Construction Complete	2009
L-21-U	2	CROWLEY	SH 96 ML over NUMA DRAIN CANAL	Construction Complete	2009
L-22-F	2	CROWLEY	SH 96 ML over BLACK DRAW	Construction Complete	2009



Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
E-16-FW	1	DENVER	PECOS STREET over I 70 ML; in DENVER	Construction Complete	2009
E-17-BY	1	DENVER	I 70 ML EBND over SAND CREEK; E of QUEBEC ST	Construction Complete	2009
E-17-GE	1	DENVER	I 70 ML WBND over SAND CREEK; E of QUEBEC ST	Construction Complete	2009
F-16-BM	1	DENVER	SH 88 ML over RR, LAKEWOOD GULCH	Construction Complete	2009
F-16-DP	1	DENVER	I 25 ML over RDWY,RR, SOUTH PLATTE RVR; BRONCO BRIDGE	Construction Complete	2009
F-16-DT	1	DENVER	I 25 ML NBND over US 85 ML (SANTA FE)	Construction Complete	2009
F-16-DW	1	DENVER	I 25 ML SBND over US 85 ML (SANTA FE)	Construction Complete	2009
F-16-EF	1	DENVER	US 6 ML over SOUTH PLATTE RIVER; W SIDE of I-25	Construction Complete	2009
F-16-EJ	1	DENVER	US 6 ML over BNSF RR; E SIDE OF I-25	Construction Complete	2009
F-16-EN	1	DENVER	US 6 ML over BRYANT STREET; W SIDE OF I-25	Construction Complete	2009
F-16-FW	1	DENVER	US 287+SH 88 (FEDERAL) over US 40 ML (COLFAX)	Construction Complete	2009
F-17-AE	1	DENVER	SH 30 ML/HAVANA ST over CHERRY CREEK	Construction Complete	2009
F-16-OG	1	DENVER	RAMP to I 25 NBND over US 6 ML	Construction Complete	2011
G-16-B	1	DOUGLAS	US 85 ML over DRAW; COOK RANCH to LOUVIERS	Construction Complete	2009
G-16-C	1	DOUGLAS	US 85 ML over DRAW; COOK RANCH to LOUVIERS	Construction Complete	2009
F-08-F	3	EAGLE	I 70 SERVICE RD over COLORADO RIVER (SR); N. of DOTSERO INT.	Construction Complete	2009
F-09-H	3	EAGLE	US 6 ML over EAGLE RIVER; E of EAGLE	Construction Complete	2009
H-17-M	2	EL PASO	I 25 ML over DRAW	Construction Complete	2009
H-18-A	2	EL PASO	US 24 ML over BLACK SQUIRREL CREEK; W of PEYTON	Construction Complete	2009
I-17-AE	2	EL PASO	US 24 ML EBND over FOUNTAIN CREEK	Construction Complete	2009
I-18-G	2	EL PASO	US 24 ML over DRAW; E of FALCON	Construction Complete	2009
J-18-S	2	EL PASO	I 25 ML NBND over DRAW; S of FOUNTAIN	Construction Complete	2009
J-18-T	2	EL PASO	I 25 ML NBND over DRAW; S of FOUNTAIN	Construction Complete	2009
G-21-B	4	ELBERT	I 70 FRONTAGE RD over DRAW (SR)	Construction Complete	2009
J-15-B	2	FREMONT	SH 9 ML over CURRANT CREEK; NW of JCT US 50	Construction Complete	2009
K-16-K	2	FREMONT	SH 120 ML over RR, ARKANSAS RIVER; E of PORTLAND	Construction Complete	2009
K-16-Q	2	FREMONT	SH 120 ML over HARDESCRABBLE CREEK	Construction Complete	2009
K-14-J	2	FREMONT	US 50 ML over DRAW, btwn TEXAS CREEK & COTOPAXI	Construction Complete	2011
K-16-W	2	FREMONT	SH 67 ML over DRAW	Construction Complete	2012
J-09-C	3	GUNNISON	US 50 SERVICE RD over GUNNISON RVR OVERFLOW (SR); W. SIDE of GUNNISON	Construction Complete	2009
J-09-D	3	GUNNISON	US 50 SERVICE RD over GUNNISON RVR (SR); W. SIDE of GUNNISON	Construction Complete	2009
J-09-G	3	GUNNISON	SH 114 ML over TOMICHI CREEK	Construction Complete	2009



Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
N-16-L	2	HUERFANO	SH 69 ML over TURKEY CREEK	Construction Complete	2009
N-17-N	2	HUERFANO	I 25 ML NBND over MISSOURI CREEK	Construction Complete	2009
O-16-A	2	HUERFANO	SH 12 ML over CUCHARAS RIVER; S of LA VETA	Construction Complete	2009
N-17-C	2	HUERFANO	I 25 BUS RT over SULL CREEK; Near WALSENBURG	Construction Complete	2011
E-16-FX	1	JEFFERSON	WASHINGTON STREET over SH 58 ML	Construction Complete	2009
E-16-HI	1	JEFFERSON	SH 58 ML over CO.RD,RR SPUR	Construction Complete	2009
F-16-AM	1	JEFFERSON	US 285 ML SBND over SH 121 ML	Construction Complete	2009
F-16-AY	1	JEFFERSON	US 285 ML NBND over SH 121 ML	Construction Complete	2009
F-16-CS	1	JEFFERSON	SH121 ML-WADSWORTH over BEAR CREEK; N OF 285	Construction Complete	2009
F-16-FL	1	JEFFERSON	US 6 ML over SH 95 ML/SHERIDAN AVE.	Construction Complete	2009
F-16-I	1	JEFFERSON	US 285 ML SBND over PIERCE STREET	Construction Complete	2009
E-16-HA	1	JEFFERSON	SH 58 ML over FORD STREET, WASH	Construction Complete	2012
K-23-B	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
K-23-C	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
K-24-A	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
O-05-AQ	5	LA PLATA	US 160 ML over ANIMAS RIVER	Construction Complete	2009
G-11-F	3	LAKE	US 24 ML over UP RR	Construction Complete	2009
H-11-D	3	LAKE	US 24 ML over CALIFORNIA GULCH	Construction Complete	2012
H-11-F	3	LAKE	US 24 ML over CALIFORNIA GULCH	Construction Complete	2012
B-16-AE	4	LARIMER	US 287 ML over DRAW; N of JCT SH 1	Construction Complete	2009
B-16-D	4	LARIMER	SH 14 ML over CACHE LA POUDE RIVER; E of JCT US 287	Construction Complete	2009
C-15-I	4	LARIMER	US 34 ML over BIG THOMPSON RIVER	Construction Complete	2009
C-15-J	4	LARIMER	US 34 ML over BIG THOMPSON RIVER	Construction Complete	2009
O-19-H	2	LAS ANIMAS	US 350 ML over PURGATOIRE RIVER; NE of JCT US 160	Construction Complete	2009
P-17-H	2	LAS ANIMAS	SH 12 ML over PURGATOIRE RIVER; NW of WESTON	Construction Complete	2009
P-18-B	2	LAS ANIMAS	I 25 ML NBND over PURGATOIRE RIVER	Construction Complete	2009
P-18-S	2	LAS ANIMAS	I 25 ML SBND over PURGATOIRE RIVER	Construction Complete	2009
O-19-J	2	LAS ANIMAS	US 350 ML over DRAW; S of MODEL	Construction Complete	2010
P-19-AD	2	LAS ANIMAS	SH 239(CO RD 75) ML over IRRIGATION CANAL; in TRINIDAD	Construction Complete	2010
P-23-A_MINOR	2	LAS ANIMAS	US 160 ML over SMITH CANYON TRIBUTARY; Near KIM, CO	Construction Complete	2011



Appendix A  
 List of Completed Bridge Enterprise Program Eligible Bridges  
 As of December 31, 2015

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
G-22-J	4	LINCOLN	US 24 ML over DRAW; E of LIMON	Construction Complete	2009
A-24-C	4	LOGAN	US 138 ML over DITCH	Construction Complete	2009
L-22-E	2	OTERO	SH 266 ML over FT LYON STORAGE CANAL; NE of ROCKY FORD	Construction Complete	2009
L-22-O	2	OTERO	SH 266 ML over HOLBROOK CANAL; NE of ROCKY FORD	Construction Complete	2009
M-21-D	2	OTERO	US 350 ML over DRAW; SW of LA JUNTA & TIMPAS	Construction Complete	2009
L-22-K	2	OTERO	SH 71 ML over FT LYON CANAL; NW of ROCKY FORD	Construction Complete	2011
L-05-B	5	OURAY	SH 62 ML over UNCOMPAGHGRE RIVER; SHERMAN ST in RIDGWAY	Construction Complete	2009
L-06-A	5	OURAY	US 550 ML over BEAR CREEK	Construction Complete	2009
G-12-L	2	PARK	SH 9 ML over BUCKSKIN GULCH; in ALMA	Construction Complete	2009
H-09-B	3	PITKIN	SH 82 ML over CO RD, CASTLE CREEK	Construction Complete	2010
L-28-F	2	PROWERS	SH 89 ML over ARKANSAS RIVER; S of HOLLY	Construction Complete	2009
K-18-Z	2	PUEBLO	SH 96 ML over RDWY, RR, ARKANSAS RIVER	Construction Complete	2009
L-19-C	2	PUEBLO	US 50 BUS RT WBND over ST CHARLES RIVER	Construction Complete	2009
M-17-R	2	PUEBLO	I 25 ML over DRAW	Construction Complete	2009
M-20-A	2	PUEBLO	SH 10 ML over SAUNDERS ARROYO	Construction Complete	2009
C-09-C	3	ROUTT	US 40 ML over E FORK ELK RIVER; W of STEAMBOAT SPGS	Construction Complete	2009
M-06-K	5	SAN JUAN	US 550 ML over MINERAL CREEK	Construction Complete	2009
L-04-B	5	SAN MIGUEL	SH 145 ML over LEOPARD CREEK; JCT SH 62 - PLACERVILLE	Construction Complete	2009
A-26-F	4	SEDGWICK	US 138 ML over DRAW	Construction Complete	2015
H-16-K	2	TELLER	SH 67 ML over DRAW	Construction Complete	2009
I-15-Y	2	TELLER	US 24 ML over TWIN CREEK	Construction Complete	2009
C-17-BN	4	WELD	I 25 SERVICE RD over LITTLE THOMPSON RIVER; S of JCT SH 56	Construction Complete	2009
D-17-AK	4	WELD	SH 66 ML over ST VRRAIN RIVER; W of PLATTEVILLE	Construction Complete	2009
B-17-L	4	WELD	SH 14 ML over COALBANK CREEK; W of AULT	Construction Complete	2010
B-17-C	4	WELD	US 85 ML(NUNN BRIDGE) over UPRR	Construction Complete	2011
D-28-B	4	YUMA	US 34 ML over N FK REPUBLICAN RIVER; W of LAIRD	Construction Complete	2011

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
E-16-FP	1	ADAMS	80TH AVE over US 36 ML	Construction Complete	2009
E-16-GQ	1	ADAMS	SH 95 ML (SHERIDAN BLVD) over UP RR, RR SPUR; N of JCT I 76 in WHEATRIDGE	Construction Complete	2009
E-17-AR	1	ADAMS	SH 7 ML over SOUTH PLATTE RIVER	Construction Complete	2009
E-17-CA	1	ADAMS	SH 44 ML(104TH AVE) over SOUTH PLATTE RIVER; W of JCT US 85	Construction Complete	2009
E-17-DC	1	ADAMS	I 76 ML EBND over UP RR; E of JCT US 85	Construction Complete	2009
E-17-DM	1	ADAMS	I 76 ML WBND over UP RR	Construction Complete	2009
E-17-DN	1	ADAMS	I 76 ML EBND over UP RR	Construction Complete	2009
E-17-DU	1	ADAMS	I 76 ML WBND over UP RR; E of JCT US 85	Construction Complete	2009
E-17-EP	1	ADAMS	SH6 DITCH RIDER RD over BURLINGTON CANAL SR	No Action Proposed	2009
E-17-ER	1	ADAMS	SH 44 ML(104TH AVE) over BULL SEEP;W of US 85	Construction Complete	2009
E-17-EX	1	ADAMS	PEORIA STREET over I 76 ML; NE of JCT US 85	Construction Complete	2009
E-17-EZ	1	ADAMS	84TH AVE over I 25 ML	Construction Complete	2009
E-17-GM	1	ADAMS	I 76 ML EBND over SOUTH PLATTE RIVER; NE of JCT I 270	Construction Complete	2009
E-17-HG	1	ADAMS	104TH AVE over I 25 ML	Construction Complete	2009
E-17-HL	1	ADAMS	I 76 ML EBND over SH 224 ML	Construction Complete	2009
F-19-AF	1	ADAMS	COUNTY ROAD over I 70 ML	Not Programmed	2010
E-17-GL	1	ADAMS	I 76 ML WBND over SOUTH PLATTE RIVER; NE of JCT I 270	Construction Complete	2011
E-17-IC	1	ADAMS	YORK STREET over I 270 ML	Not Programmed	2011
E-16-AA	1	ADAMS	US 287 ML over BNSF RR SPUR; at 69TH AVE	In Construction	2012
F-16-F	1	ARAPAHOE	US 85(SANTA FE) ML NBND over DAD CLARK GULCH; in LITTLETON	Construction Complete	2009
F-16-FY	1	ARAPAHOE	US 285 ML SBND over SH 88 ML	Construction Complete	2009
F-16-FZ	1	ARAPAHOE	US 285 ML NBND over SH 88 ML	Construction Complete	2009
F-17-DM	1	ARAPAHOE	SH 88 ML/ARAP RD over CHERRY CREEK; W OF SH 83(PARKER RD)	Construction Complete	2009
F-17-F	1	ARAPAHOE	US 40 ML(E COLFAX) EBND over SAND CREEK; E of I-225	Construction Complete	2009
F-17-GO	1	ARAPAHOE	US 40 ML(E COLFAX) EBND over TOLLGATE CREEK; W of I-225	In Construction	2009
F-19-B	1	ARAPAHOE	US 36 ML over COMANCHE CREEK; E of STRASBURG	Construction Complete	2009
F-17-BS	1	ARAPAHOE	US 40 ML(E COLFAX) WBND over SAND CREEK; E of I-225	Construction Complete	2011
F-17-GA	1	ARAPAHOE	US 40 ML(E COLFAX) WBND over TOLLGATE CREEK; W of I-225	In Construction	2012
F-19-F	1	ARAPAHOE	US 36 ML over DRAW	Not Programmed	2012
E-16-FK	1	BROOMFIELD	SH 121 ML SBND- WADSWORTH PKWY over US 36 ML (DENVER/BOULDER TNPK)	Construction Complete	2009
E-16-FL	1	BROOMFIELD	CNTY RD / OLD WADS over US 36 ML (DENVER/BOULDER TNPK); SE of JCT SH 121	Construction Complete	2009



Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
F-14-B	1	CLEAR CREEK	I 70 FRONTAGE RD over CLEAR CREEK (SR); W IDAHO SPRINGS	Construction Complete	2009
F-14-Y	1	CLEAR CREEK	I 70(BUSINESS RT) over I 70 ML	In Construction	2009
F-15-BL	1	CLEAR CREEK	I 70 ML WBND over US 6, CLEAR CREEK	Not Programmed	2009
F-15-D	1	CLEAR CREEK	I 70 FRONTAGE RD over CLEAR CREEK (SR)	No Action Proposed	2009
E-16-FW	1	DENVER	PECOS STREET over I 70 ML; in DENVER	Construction Complete	2009
E-17-AH	1	DENVER	ON 40TH AVE W of SH 2 ML over BNSF RR	No Action Proposed	2009
E-17-BY	1	DENVER	I 70 ML EBND over SAND CREEK; E of QUEBEC ST	Construction Complete	2009
E-17-EW	1	DENVER	I 70 ML EBND over UP RR; W of QUEBEC STREET	Not Programmed	2009
E-17-FX	1	DENVER	I 70 ML over US 6, RR, CITY ST	In Design	2009
E-17-GE	1	DENVER	I 70 ML WBND over SAND CREEK; E of QUEBEC ST	Construction Complete	2009
F-16-BM	1	DENVER	SH 88 ML over RR, LAKEWOOD GULCH	Construction Complete	2009
F-16-DP	1	DENVER	I 25 ML over RDWY,RR, SOUTH PLATTE RVR; BRONCO BRIDGE	Construction Complete	2009
F-16-DT	1	DENVER	I 25 ML NBND over US 85 ML (SANTA FE)	Construction Complete	2009
F-16-DW	1	DENVER	I 25 ML SBND over US 85 ML (SANTA FE)	Construction Complete	2009
F-16-EF	1	DENVER	US 6 ML over SOUTH PLATTE RIVER; W SIDE of I-25	Construction Complete	2009
F-16-EJ	1	DENVER	US 6 ML over BNSF RR; E SIDE OF I-25	Construction Complete	2009
F-16-EN	1	DENVER	US 6 ML over BRYANT STREET; W SIDE OF I-25	Construction Complete	2009
F-16-FW	1	DENVER	US 287+SH 88 (FEDERAL) over US 40 ML (COLFAX)	Construction Complete	2009
F-16-GG	1	DENVER	PERRY STREET over US 6 ML; W of FEDERAL	No Action Proposed	2009
F-17-AE	1	DENVER	SH 30 ML/HAVANA ST over CHERRY CREEK	Construction Complete	2009
E-17-DF	1	DENVER	I 70 ML WBND over UP RR W of QUEBEC STREET	Not Programmed	2010
E-17-JP	1	DENVER	I 70 ML over HAVANA ST, UP RR	In Construction	2010
F-16-OG	1	DENVER	RAMP to I 25 NBND over US 6 ML	Construction Complete	2011
E-17-KR	1	DENVER	I 270 ML EBND over I 70 ML	Not Programmed	2013
E-17-EQ	1	DENVER	SH 265 OVER ML RACE STREET	Not Programmed	2015
G-16-B	1	DOUGLAS	US 85 ML over DRAW; COOK RANCH to LOUVIERS	Construction Complete	2009
G-16-C	1	DOUGLAS	US 85 ML over DRAW; COOK RANCH to LOUVIERS	Construction Complete	2009
G-17-A	1	DOUGLAS	US 85 ML over SAND CREEK	Design Complete	2009
E-16-FX	1	JEFFERSON	WASHINGTON STREET over SH 58 ML	Construction Complete	2009
E-16-HI	1	JEFFERSON	SH 58 ML over CO.RD,RR SPUR	Construction Complete	2009
F-16-AM	1	JEFFERSON	US 285 ML SBND over SH 121 ML	Construction Complete	2009

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
F-16-AY	1	JEFFERSON	US 285 ML NBND over SH 121 ML	Construction Complete	2009
F-16-CS	1	JEFFERSON	SH121 ML-WADSWORTH over BEAR CREEK; N OF 285	Construction Complete	2009
F-16-FL	1	JEFFERSON	US 6 ML over SH 95 ML/SHERIDAN AVE.	Construction Complete	2009
F-16-I	1	JEFFERSON	US 285 ML SBND over PIERCE STREET	Construction Complete	2009
E-16-HA	1	JEFFERSON	SH 58 ML over FORD STREET, WASH	Construction Complete	2012
F-16-ER	1	JEFFERSON	US 6 ML over GARRISON STREET (LAKEWOOD)	In Construction	2013
O-25-I	2	BACA	US 160 ML over DRAW; W of PRITCHETT	Construction Complete	2009
O-26-L	2	BACA	US 160 ML over CAT CREEK; W of SPRINGFIELD	Construction Complete	2009
O-25-H	2	BACA	US 160 ML over N FK SAND ARROYO; SW of PRITCHETT	Construction Complete	2010
L-24-F	2	BENT	SH 101 ML over PURGATOIRE RIVER; S of LAS ANIMAS	Construction Complete	2009
M-24-B	2	BENT	SH 101 ML over DRAW; S of LAS ANIMAS and JCT US 50	Construction Complete	2009
L-21-U	2	CROWLEY	SH 96 ML over NUMA DRAIN CANAL	Construction Complete	2009
L-22-F	2	CROWLEY	SH 96 ML over BLACK DRAW	Construction Complete	2009
H-17-M	2	EL PASO	I 25 ML over DRAW	Construction Complete	2009
H-18-A	2	EL PASO	US 24 ML over BLACK SQUIRREL CREEK; W of PEYTON	Construction Complete	2009
I-17-AE	2	EL PASO	US 24 ML EBND over FOUNTAIN CREEK	Construction Complete	2009
I-18-G	2	EL PASO	US 24 ML over DRAW; E of FALCON	Construction Complete	2009
J-18-S	2	EL PASO	I 25 ML NBND over DRAW; S of FOUNTAIN	Construction Complete	2009
J-18-T	2	EL PASO	I 25 ML NBND over DRAW; S of FOUNTAIN	Construction Complete	2009
I-17-O	2	EL PASO	I 25 SERVICE RD over PINE CREEK; S of JCT SH 56	In Design	2011
I-18-I	2	EL PASO	US 24 ML over Draw	Not Programmed	2015
J-15-B	2	FREMONT	SH 9 ML over CURRANT CREEK; NW of JCT US 50	Construction Complete	2009
K-16-K	2	FREMONT	SH 120 ML over RR, ARKANSAS RIVER; E of PORTLAND	Construction Complete	2009
K-16-Q	2	FREMONT	SH 120 ML over HARDESCRABBLE CREEK	Construction Complete	2009
K-16-S	2	FREMONT	SH 120 ML over DRAW, UP RR; E of FLORENCE	In Construction	2009
K-14-J	2	FREMONT	US 50 ML over DRAW, btwn TEXAS CREEK & COTOPAXI	Construction Complete	2011
K-16-W	2	FREMONT	SH 67 ML over DRAW	Construction Complete	2012
K-14-B	2	FREMONT	US 50 ML over OAK CREEK	Not Programmed	2013
N-16-L	2	HUERFANO	SH 69 ML over TURKEY CREEK	Construction Complete	2009
N-17-AD	2	HUERFANO	I 25 ML SBND over US 160 ML, RR SPUR	No Action Proposed	2009

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
N-17-N	2	HUERFANO	I 25 ML NBND over MISSOURI CREEK	Construction Complete	2009
O-16-A	2	HUERFANO	SH 12 ML over CUCHARAS RIVER; S of LA VETA	Construction Complete	2009
M-16-P	2	HUERFANO	SH 69 ML over MILLIGAN ARROYO; Near GARDNER	Design Complete	2011
N-17-C	2	HUERFANO	I 25 BUS RT over SULL CREEK; Near WALSENBURG	Construction Complete	2011
N-17-BN	2	HUERFANO	I25 ML SBND over CO RD 640, BUTTE CREEK	Not Programmed	2013
N-17-S	2	HUERFANO	I25 ML NBND over CO RD 103, BUTTE CREEK	Not Programmed	2013
K-23-B	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
K-23-C	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
K-24-A	2	KIOWA	SH 96 ML over DRAW	Construction Complete	2009
O-19-H	2	LAS ANIMAS	US 350 ML over PURGATOIRE RIVER; NE of JCT US 160	Construction Complete	2009
P-17-H	2	LAS ANIMAS	SH 12 ML over PURGATOIRE RIVER; NW of WESTON	Construction Complete	2009
P-18-B	2	LAS ANIMAS	I 25 ML NBND over PURGATOIRE RIVER	Construction Complete	2009
P-18-S	2	LAS ANIMAS	I 25 ML SBND over PURGATOIRE RIVER	Construction Complete	2009
O-19-J	2	LAS ANIMAS	US 350 ML over DRAW; S of MODEL	Construction Complete	2010
P-19-AD	2	LAS ANIMAS	SH 239(CO RD 75) ML over IRRIGATION CANAL; in TRINIDAD	Construction Complete	2010
P-23-A_MINOR	2	LAS ANIMAS	US 160 ML over SMITH CANYON TRIBUTARY; Near KIM, CO	Construction Complete	2011
L-22-E	2	OTERO	SH 266 ML over FT LYON STORAGE CANAL; NE of ROCKY FORD	Construction Complete	2009
L-22-O	2	OTERO	SH 266 ML over HOLBROOK CANAL; NE of ROCKY FORD	Construction Complete	2009
M-21-D	2	OTERO	US 350 ML over DRAW; SW of LA JUNTA & TIMPAS	Construction Complete	2009
L-22-K	2	OTERO	SH 71 ML over FT LYON CANAL; NW of ROCKY FORD	Construction Complete	2011
L-22-L	2	OTERO	SH 71 ML over ARKANSAS RIVER	In Design	2013
M-21-C	2	OTERO	US 350 ML over HOE RANCH ARROYO	Not Programmed	2015
M-22-Y	2	OTERO	US 350 ML over DRAW	Not Programmed	2015
G-12-L	2	PARK	SH 9 ML over BUCKSKIN GULCH; in ALMA	Construction Complete	2009
G-12-C	2	PARK	SH 9 ML over PLATTE GULCH	Not Programmed	2012
L-27-S	2	PROWERS	US 50 ML over DRAW; E of LAMAR	In Construction	2009
L-28-C	2	PROWERS	US 50 ML over BNSF RR; E of GRANADA	In Construction	2009
L-28-F	2	PROWERS	SH 89 ML over ARKANSAS RIVER; S of HOLLY	Construction Complete	2009
K-18-AX	2	PUEBLO	I 25 ML NBND over US 50 BUS. RTE.	In Construction	2009
K-18-CK	2	PUEBLO	I 25 ML NBND over NP RR, ILEX ST, BENNET ST; N of JCT SH 50 E	In Construction	2009

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
K-18-CL	2	PUEBLO	I 25 ML SBND over NP RR, ILEX ST, BENNET ST; S of JCT SH 96	In Construction	2009
K-18-R	2	PUEBLO	US 50 BUS EBND over ARKANSAS RIVER	In Construction	2009
K-18-Z	2	PUEBLO	SH 96 ML over RDWY, RR, ARKANSAS RIVER	Construction Complete	2009
L-18-AQ	2	PUEBLO	NORTHERN AVE over I 25 ML	In Construction	2009
L-18-M	2	PUEBLO	I 25 ML NBND over INDIANA AVE	In Construction	2009
L-18-W	2	PUEBLO	I 25 ML SBND over INDIANA AVE	In Construction	2009
L-19-C	2	PUEBLO	US 50 BUS RT WBND over ST CHARLES RIVER	Construction Complete	2009
M-17-R	2	PUEBLO	I 25 ML over DRAW	Construction Complete	2009
M-20-A	2	PUEBLO	SH 10 ML over SAUNDERS ARROYO	Construction Complete	2009
L-18-AU	2	PUEBLO	MESA AVE over I 25 ML	In Construction	2012
K-17-F	2	PUEBLO	SH 96 ML over RUSH CREEK	In Design	2013
L-19-G	2	PUEBLO	SH 96 ML over BOB CREEK CANAL	Not Programmed	2013
L-19-F	2	PUEBLO	US 50 BUS. RT over DRAW	Not Programmed	2014
H-16-K	2	TELLER	SH 67 ML over DRAW	Construction Complete	2009
I-15-Y	2	TELLER	US 24 ML over TWIN CREEK	Construction Complete	2009
F-08-F	3	EAGLE	I 70 SERVICE RD over COLORADO RIVER (SR); N. of DOTSERO INT.	Construction Complete	2009
F-09-H	3	EAGLE	US 6 ML over EAGLE RIVER; E of EAGLE	Construction Complete	2009
F-11-AB	3	EAGLE	I 70 ML WBND over US 6, RR, EAGLE RIVER; E of JCT US 24	In Construction	2009
F-11-AC	3	EAGLE	I 70 ML EBND over US 6, RR, EAGLE RIVER; E of JCT SH 131	In Construction	2009
F-10-L	3	EAGLE	I 70 ML EBND over US 6, RR, EAGLE RIVER	In Design	2011
F-11-AO	3	EAGLE	I 70 ML EBND over TIMBER CREEK	No Action Proposed	2012
F-08-D	3	EAGLE	I 70 ML over UP RR (SR)	Not Programmed	2013
F-10-C	3	EAGLE	US 6 ML over EAST LAKE CREEK	Not Programmed	2014
F-07-A	3	GARFIELD	SH 82 ML over I70 ML, COLORADO RVR, RR; GLENWOOD SPRINGS	In Design	2009
F-05-L	3	GARFIELD	I 70 ML WBND over COLORADO RIVER	In Design	2011
F-05-C	3	GARFIELD	SH 13 ML over RIFLE CREEK	No Action Proposed	2012
D-13-A	3	GRAND	US 34 ML over N FK COLORADO RIVER	In Design	2012
D-12-F	3	GRAND	SH 125 ML over WILLOW CREEK	Not Programmed	2015
J-09-C	3	GUNNISON	US 50 SERVICE RD over GUNNISON RVR OVERFLOW (SR); W. SIDE of GUNNISON	Construction Complete	2009
J-09-D	3	GUNNISON	US 50 SERVICE RD over GUNNISON RVR (SR); W. SIDE of GUNNISON	Construction Complete	2009
J-09-G	3	GUNNISON	SH 114 ML over TOMICHI CREEK	Construction Complete	2009
G-11-F	3	LAKE	US 24 ML over UP RR	Construction Complete	2009

Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
H-11-D	3	LAKE	US 24 ML over CALIFORNIA GULCH	Construction Complete	2012
H-11-F	3	LAKE	US 24 ML over CALIFORNIA GULCH	Construction Complete	2012
G-03-Q	3	MESA	I 70 ML WBND over COLORADO RIVER OVERFLOW	In Design	2011
H-09-B	3	PITKIN	SH 82 ML over CO RD, CASTLE CREEK	Construction Complete	2010
C-09-C	3	ROUTT	US 40 ML over E FORK ELK RIVER; W of STEAMBOAT SPGS	Construction Complete	2009
E-12-I	3	SUMMIT	SH 9 ML over BLUE RIVER	No Action Proposed	2013
E-15-AA	4	BOULDER	SH 170 ML over COMMUNITY DITCH AR	No Action Proposed	2009
G-21-B	4	ELBERT	I 70 FRONTAGE RD over DRAW (SR)	Construction Complete	2009
G-21-Y	4	ELBERT	I 70 BUSINESS SPUR over I 70 ML	No Action Proposed	2009
G-25-K	4	KIT CARSON	SH 59 ML over I-70 ML	Not Programmed	2015
B-16-AE	4	LARIMER	US 287 ML over DRAW; N of JCT SH 1	Construction Complete	2009
B-16-D	4	LARIMER	SH 14 ML over CACHE LA POUDDRE RIVER; E of JCT US 287	Construction Complete	2009
C-15-I	4	LARIMER	US 34 ML over BIG THOMPSON RIVER	Construction Complete	2009
C-15-J	4	LARIMER	US 34 ML over BIG THOMPSON RIVER	Construction Complete	2009
C-17-EL	4	LARIMER	I 25 ML over DRAW	No Action Proposed	2009
B-16-EU	4	LARIMER	COUNTY ROAD 48 over I 25 ML	In Design	2010
B-16-AM	4	LARIMER	PROSPECT ROAD over I 25 ML	Not Programmed	2014
G-22-J	4	LINCOLN	US 24 ML over DRAW; E of LIMON	Construction Complete	2009
A-24-C	4	LOGAN	US 138 ML over DITCH	Construction Complete	2009
A-26-F	4	SEDGWICK	US 138 ML over DRAW	Construction Complete	2015
C-17-BN	4	WELD	I 25 SERVICE RD over LITTLE THOMPSON RIVER; S of JCT SH 56	Construction Complete	2009
D-17-AK	4	WELD	SH 66 ML over ST VRAIN RIVER; W of PLATTEVILLE	Construction Complete	2009
B-17-L	4	WELD	SH 14 ML over COALBANK CREEK; W of AULT	Construction Complete	2010
C-18-BK	4	WELD	US 85 BYPASS SBND over US 85 BUS RT	No Action Proposed	2010
D-19-A	4	WELD	I 76 SERVICE RD over LOST CREEK SR	No Action Proposed	2010
B-17-C	4	WELD	US 85 ML(NUNN BRIDGE) over UPRR	Construction Complete	2011
C-17-B	4	WELD	SH 60 ML over SOUTH PLATTE RIVER	In Design	2013
D-28-B	4	YUMA	US 34 ML over N FK REPUBLICAN RIVER; W of LAIRD	Construction Complete	2011
P-09-L	5	ARCHULETA	US 84 ML OVER RIO BLANCO	Not Programmed	2015
O-12-AD	5	CONEJOS	SH 371 ML over ALAMOSA RIVER	No Action Proposed	2012
O-05-AQ	5	LA PLATA	US 160 ML over ANIMAS RIVER	Construction Complete	2009
K-01-C	5	MONTROSE	SH 90 ML over DOLORES RIVER	In Design	2014



Structure Number	CDOT Region	County	Facility Carried over Featured Intersection	Current Status	Added to BE Program (Year)
L-05-B	5	OURAY	SH 62 ML over UNCOMPAHGRE RIVER; SHERMAN ST in RIDGWAY	Construction Complete	2009
L-06-A	5	OURAY	US 550 ML over BEAR CREEK	Construction Complete	2009
N-11-C	5	RIO GRANDE	SH 112 ML over RIO GRANDE CANAL	Not Programmed	2013
K-11-G	5	SAGUACHE	US 50 ML OVER AGATE CREEK	Not Programmed	2015
M-06-K	5	SAN JUAN	US 550 ML over MINERAL CREEK	Construction Complete	2009
L-04-B	5	SAN MIGUEL	SH 145 ML over LEOPARD CREEK; JCT SH 62 - PLACERVILLE	Construction Complete	2009

# Colorado State Map of FASTER Eligible Bridges

**Legend**

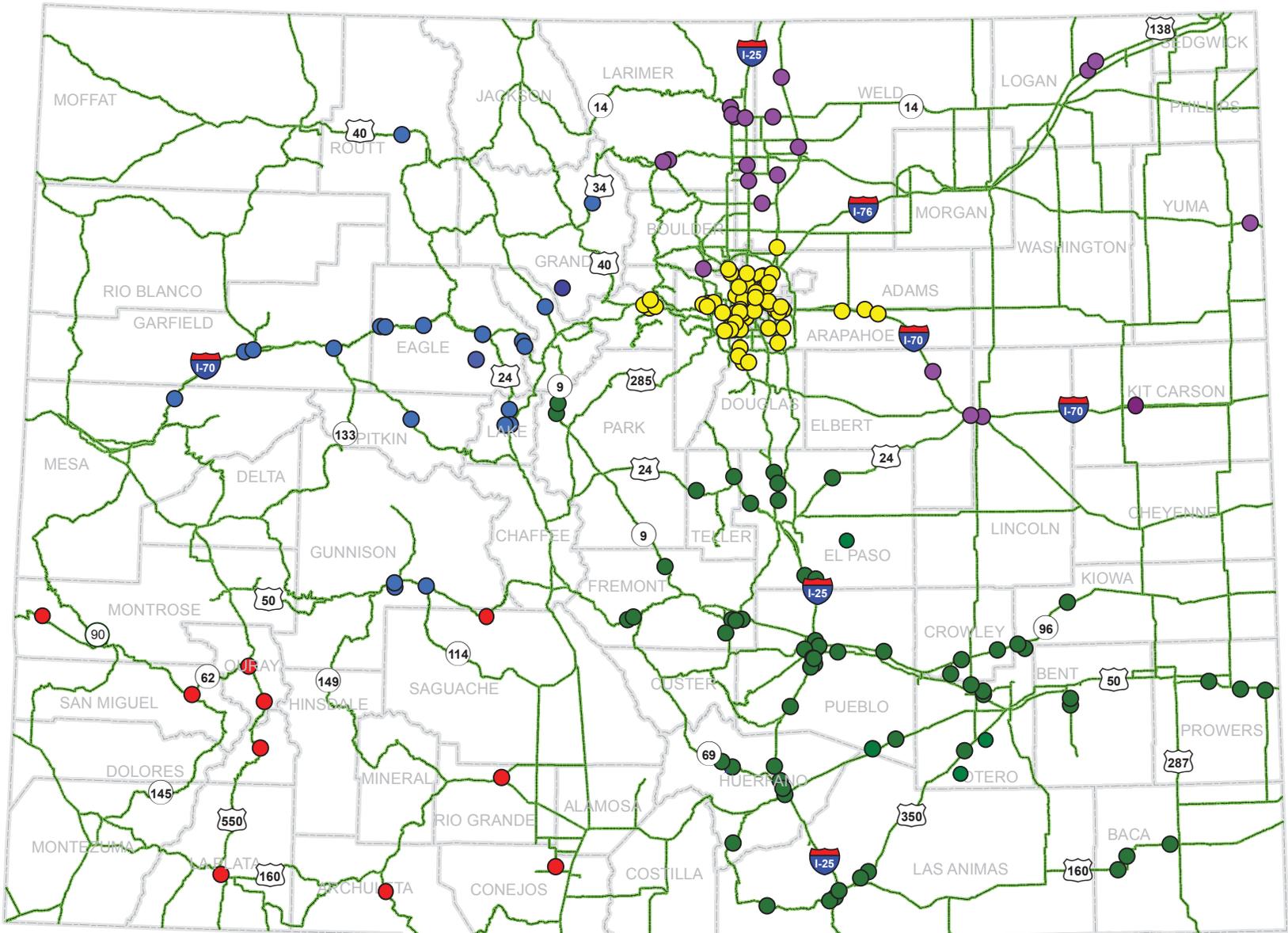
**Deficient Bridges**

**REGION**

- 1
- 2
- 3
- 4
- 5

— HIGHWAYS

□ COUNTIES



192 FASTER Eligible Bridges