I-270 Corridor Improvements

Final Environmental Impact Statement - I-270 Corridor Improvements Project

Appendix F

Errata Figures and Tables

CDOT is dedicated to providing an accessible experience for everyone. While we are continuously improving our standards, some complex items in this document, such as certain figures and images, are difficult to create with fully accessible parameters to all users. If you need help understanding any part of this document, we are here to assist and have resources to provide additional accessibility assistance to any requests. Please email us at CDOT_Accessibility@state.co.us to request an accommodation, and a member of our I-270 Engineering Program will schedule a time to review the content with you. To learn more about accessibility at CDOT, please visit the Accessibility at CDOT webpage on the CDOT Website.

E-003: Figure 4-1. Project Limits and Project Footprint

E-006: Table 4-5. Summary of Impacts by Land Cover in the Study Area

Land Cover	Permanent Impacts (Acres)	Temporary Impacts (Acres)
Barren Land	~~34.93~~ 34.41	~~14.36~~ 14.98
Prairie, Grassland, and Natural Ground Cover	~~127.81~~ 128.21	~~46.55~~ 47.27
Impervious Surface	117.68	~~19.73~~ 20.47
Structures	0.05	~~0.15~~ 0.19
Tree Canopy	~~3.09~~ 3.11	~~0.95~~ 1.11
Turf and Irrigated Land	~~1.56~~ 1.71	~~1.18~~ 1.34
Water	~~0.19~~ 0.26	~~1.16~~ 1.91
Total	~~285.30~~ 285.43	~~84.08~~ 87.27

E-009: Table 4-6. Summary of Wetlands and Non-Wetland Waters in the Study Area

Associated Surface Water	Wetlands (acres)[1]	Non-Wetland Waters (acres)[1]	Federal Jurisdictional Status
Clear Creek	2.85	1.38	Jurisdictional
Sand Creek	~~4.05~~ 4.07	~~3.42~~ 4.68	Jurisdictional
South Platte River	~~0.12~~ 0.06	~~1.07~~ 2.71	Jurisdictional
Burlington Ditch/O'Brien Canal	0.00	~~0.49~~ 0.57	Jurisdictional
Gravel Pit	0.00	0.10	Jurisdictional
Stormwater[2]	4.02	0.00	Non-Jurisdictional
Total Jurisdictional	~~7.02~~ 6.98	~~6.46~~ 9.43	
Total Non-Jurisdictional	**4.02**	**0.00**	
Total	~~11.04~~ 11.00	~~6.46~~ 9.43	

[1] Wetland impact acreages reported in the Wetland and Aquatic Resources Technical Report have been rounded for the Draft EIS.

[2] Stormwater wetlands include stormwater-related wetland features, such as roadside ditches and water quality facilities.

E-010: Figure 4-6. Aquatic Resources – West Section

E-011: Figure 4-7. Aquatic Resources – East Section

E-013: Table 4-7. Permanent Impacts to Wetlands and Non-Wetland Waters in the Study Area

Associated Surface Water	Permanent Wetland Impacts (acres)[1]	Permanent Non-Wetland Waters Impacts (acres)[1]	Federal Jurisdictional Status
Clear Creek	0.00	0.00	Jurisdictional
Sand Creek	0.26	~~0.19~~ **0.18**	Jurisdictional
South Platte River	~~0.10~~ 0.05	~~0.07~~ 0.13	Jurisdictional
Burlington Ditch/O'Brien Canal	0.00	0.00	Jurisdictional
Stormwater[2]	2.30	0.00	Non-Jurisdictional
Total Jurisdictional	~~**0.36**~~ **0.31**	~~**0.26**~~ **0.31**	
Total Non-Jurisdictional	**2.30**	**0.000**	
Total	~~**2.66**~~ **2.61**	~~**0.26**~~ **0.31**	

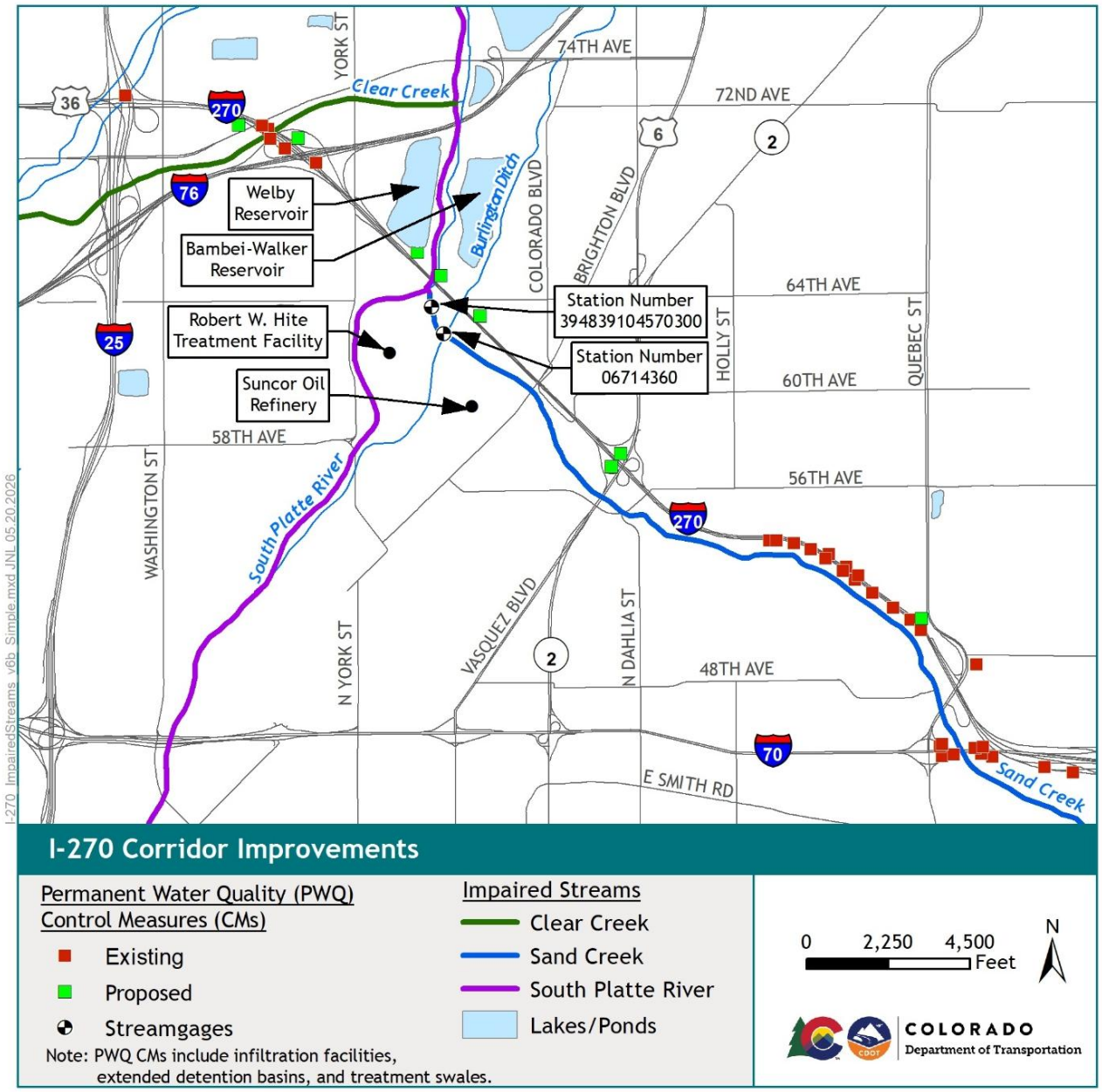
[1] Wetland impact acreages reported in the Wetland and Aquatic Resources Technical Report have been rounded for the Draft EIS.
[2] Stormwater wetlands include stormwater-related wetland features, such as roadside ditches and water quality facilities.

E-015: Table 4-8. Temporary Impacts to Wetlands and Non-Wetland Waters in the Study Area

Associated Surface Water	Temporary Wetland Impacts (acres)[1]	Temporary Non-Wetland Waters Impacts (acres)[1]	Federal Jurisdictional Status
Clear Creek	0.55	0.22	Jurisdictional
Sand Creek	~~0.97~~ **0.98**	~~1.03~~ **1.35**	Jurisdictional
South Platte River	~~0.02~~ **0.01**	~~0.77~~ **1.30**	Jurisdictional
Burlington Ditch/O'Brien Canal	0.00	~~0.39~~ **0.52**	Jurisdictional
Stormwater[2]	0.09	0.00	Non-Jurisdictional
Total Jurisdictional	**1.54**	~~2.41~~ **3.38**	
Total Non-Jurisdictional	**0.09**	**0.000**	
Total	**1.63**	~~2.41~~ **3.38**	

[1] Wetland impact acreages reported in the Wetland and Aquatic Resources Technical Report have been rounded for the Draft EIS. **As a result, values may not sum correctly.**
[2] Stormwater wetlands include stormwater-related wetland features, such as roadside ditches and water quality facilities.

E-016: Figure 4-9. Impaired Streams and Existing and Proposed Permanent Water Quality Control Measures

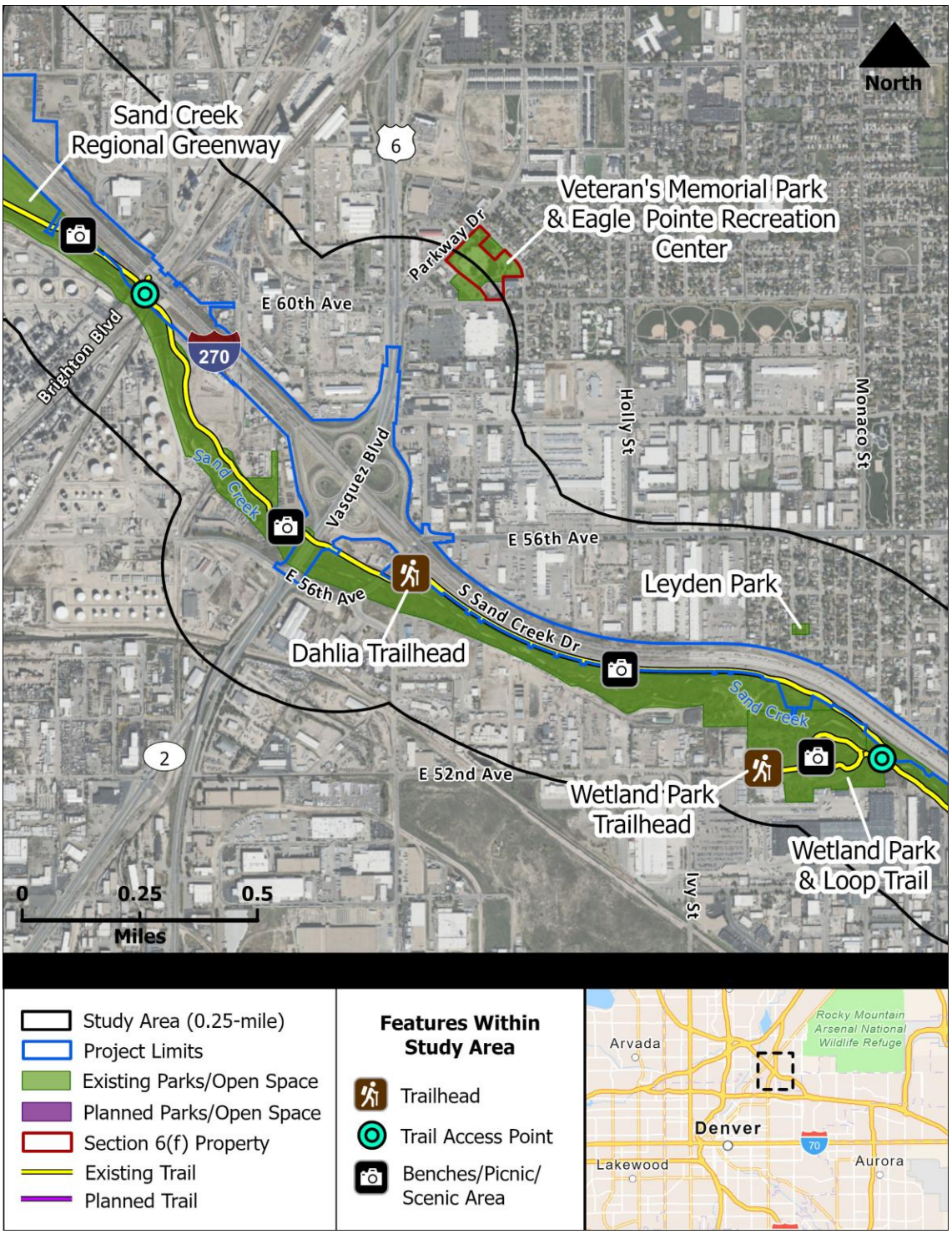


E-029: Table 1 **Mainline Improvements Evaluated, to include Mobility Hubs.**

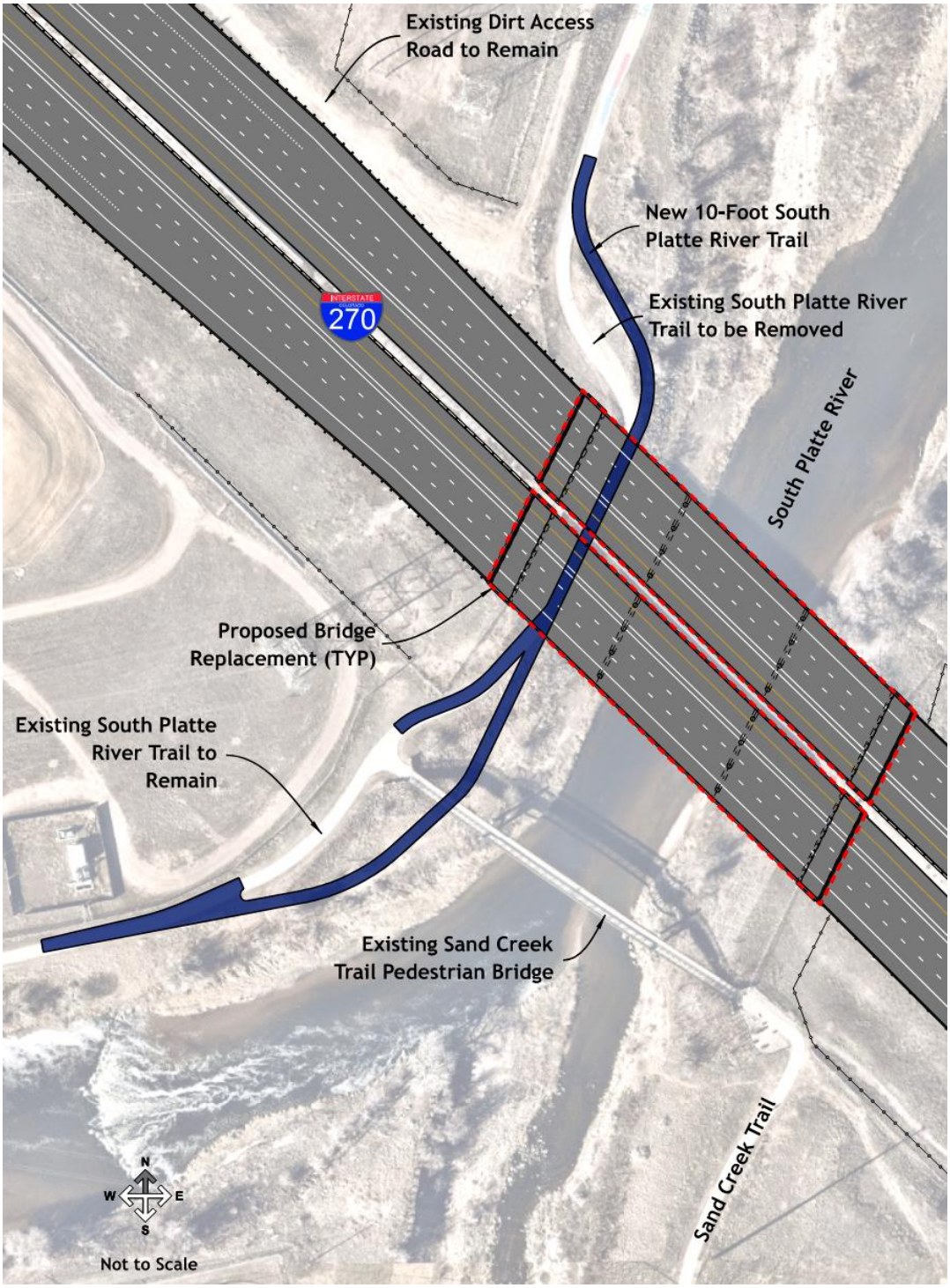
Improvement Description and Other Information	Source	Elim[2]	NA[3]	BPT[4]	MB[5]	To GPL and One TL[6]	Two GPL and One EL[7]	Two GP and Two EL	Three GPL and One EL
Mobility Hubs	Stakeholder feedback and comments	X							

E-039: Figure 7. Existing and Planned Bicycle and Pedestrian Facilities, West Section

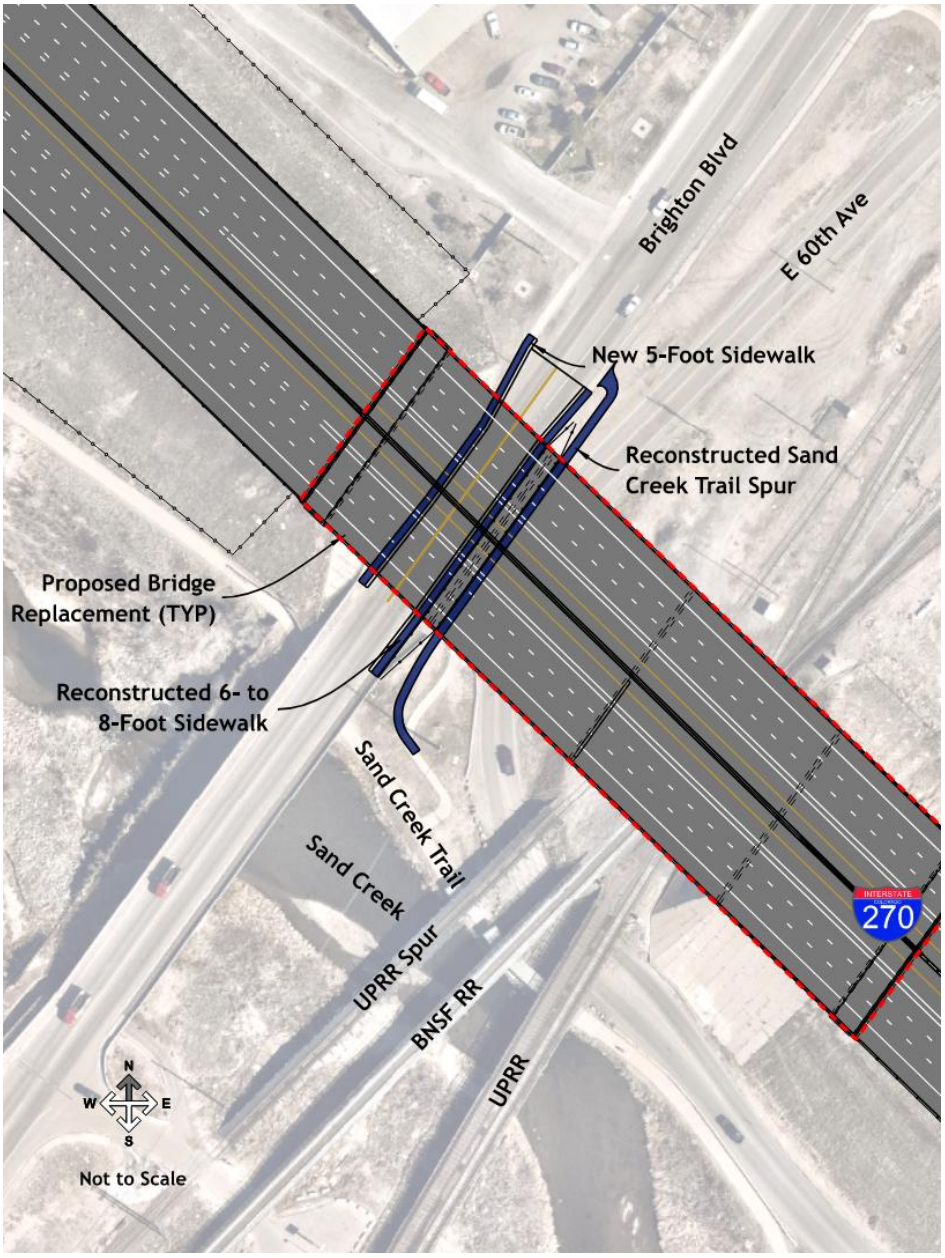
E-040: Figure 8. Existing Bicycle and Pedestrian Facilities, Central Section



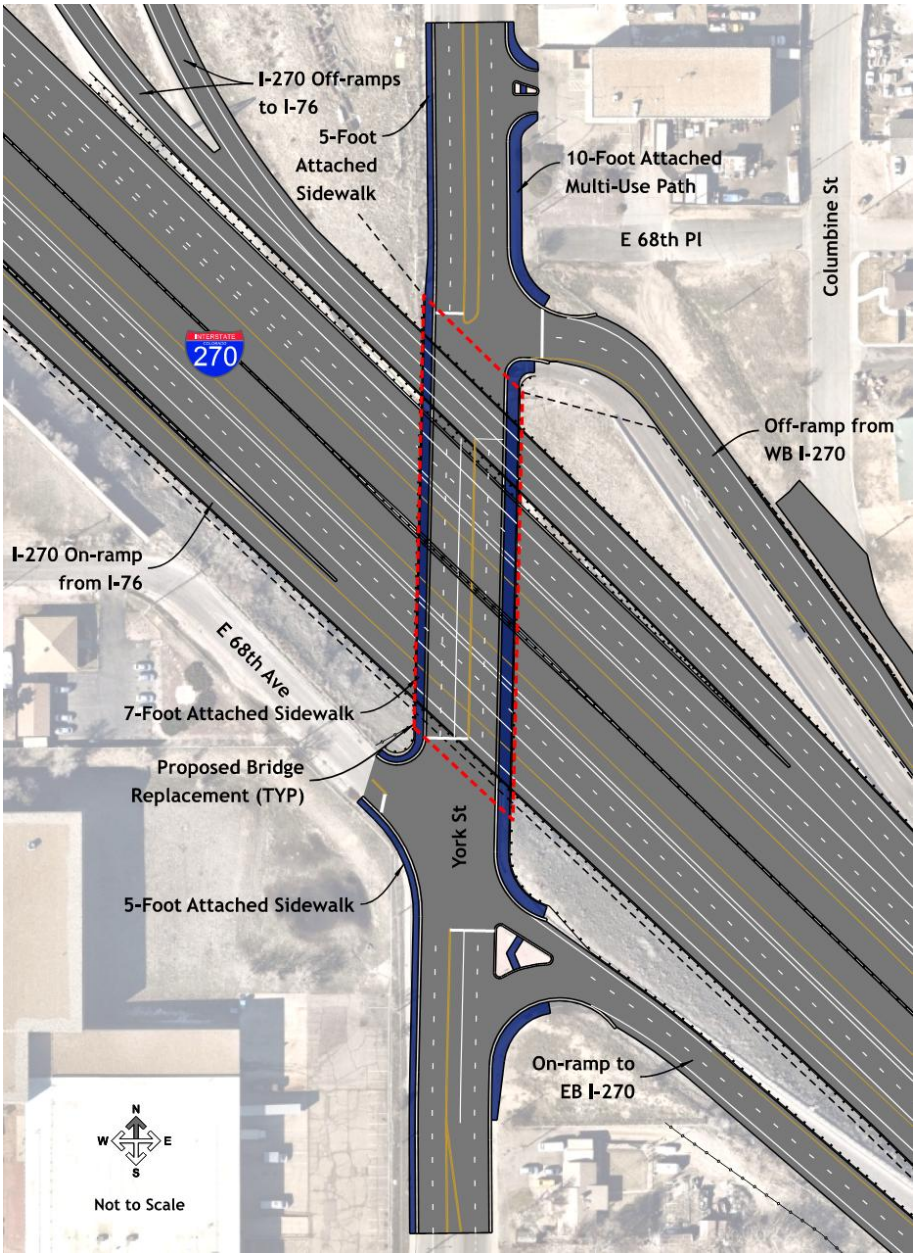
E-041: Figure 26. South Platte River Trail Design



E-044: Figure 27. Brighton Boulevard Crossing under I-270 Design



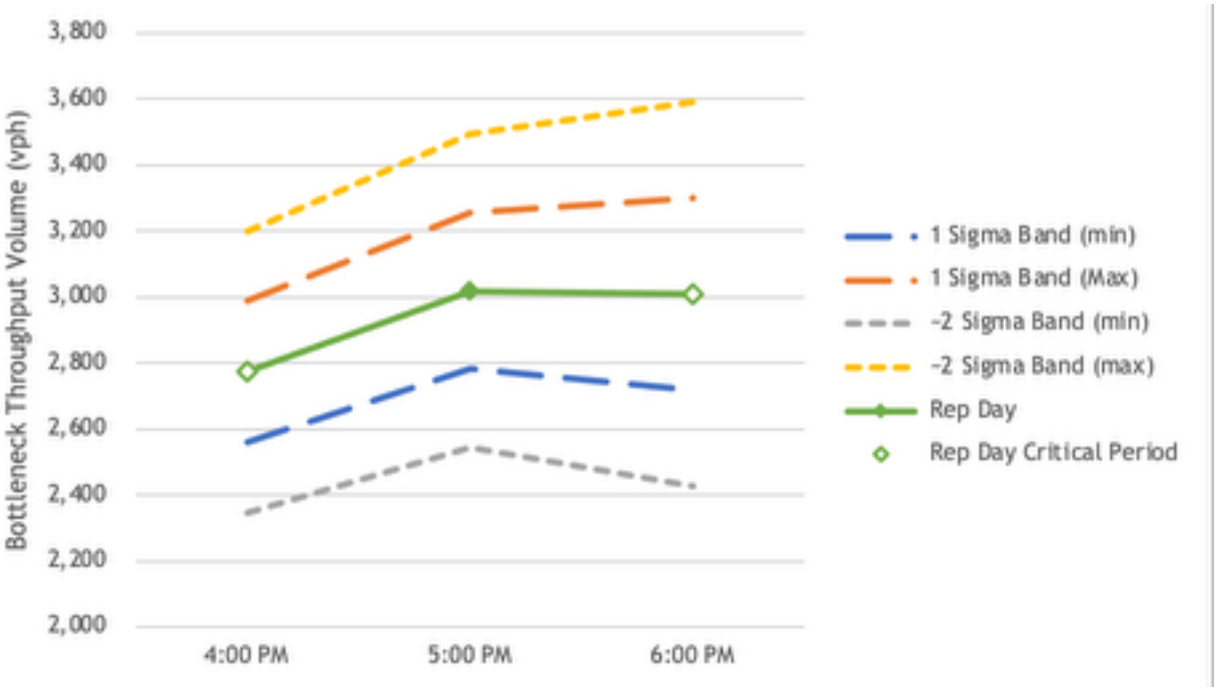
E-046: Figure 32. York Street Crossing over I-270 Design



E-053: Table 15. Eastbound I-270 Average Travel Speed (mph) – From Eastbound US 36/Southbound I 25 to I-70/Central Park Boulevard

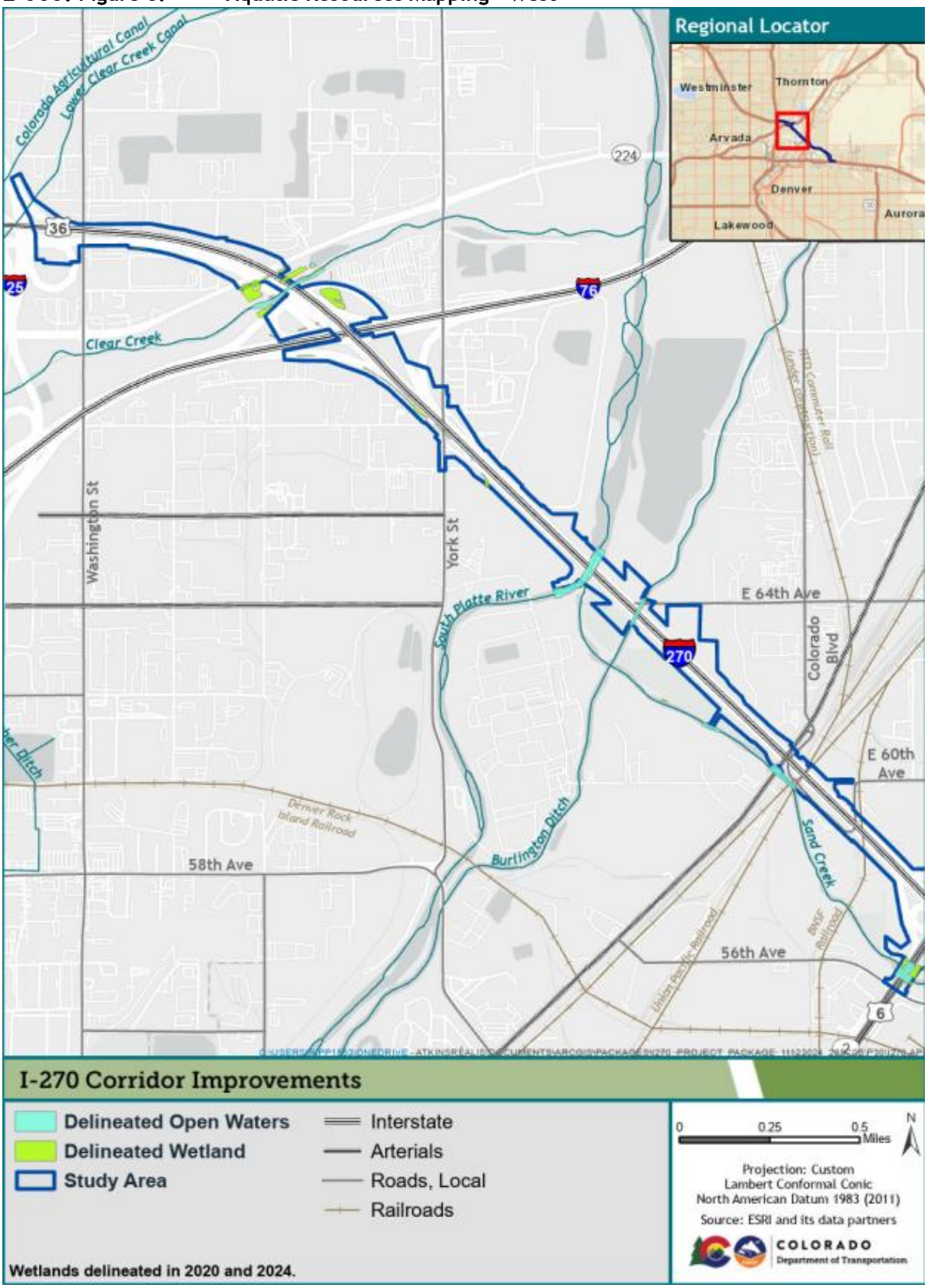
Alternative	GPL Passenger Vehicles (a.m.)	GPL Passenger Vehicles (p.m.)	Freight Vehicles (a.m.)	Freight Vehicles (p.m.)	Express Lane Vehicles (a.m.)	Express Lane Vehicles (p.m.)
No Action Alternative	17.99	17.35	~~7.31~~ 14.88	~~6.35~~ 15.61	N/A	N/A
Three General-Purpose Lanes Alternative	~~35.58~~ 52.50	~~9.85~~ 45.37	~~34.72~~ 51.45	~~8.94~~ 49.30	N/A	N/A
Two General-Purpose Lanes and One Express Lane that Accommodates Transit Alternative	~~28.85~~ 34.77	~~15.52~~ 50.27	~~28.28~~ 32.10	~~14.94~~ 53.14	~~34.62~~ 50.96	~~28.89~~ 63.05

E-056: Figure 9. Eastbound A.M. Bottleneck Throughput Envelope



Note: Change applies to Figure 9, 10-12, 14, 16, 18, and 20.

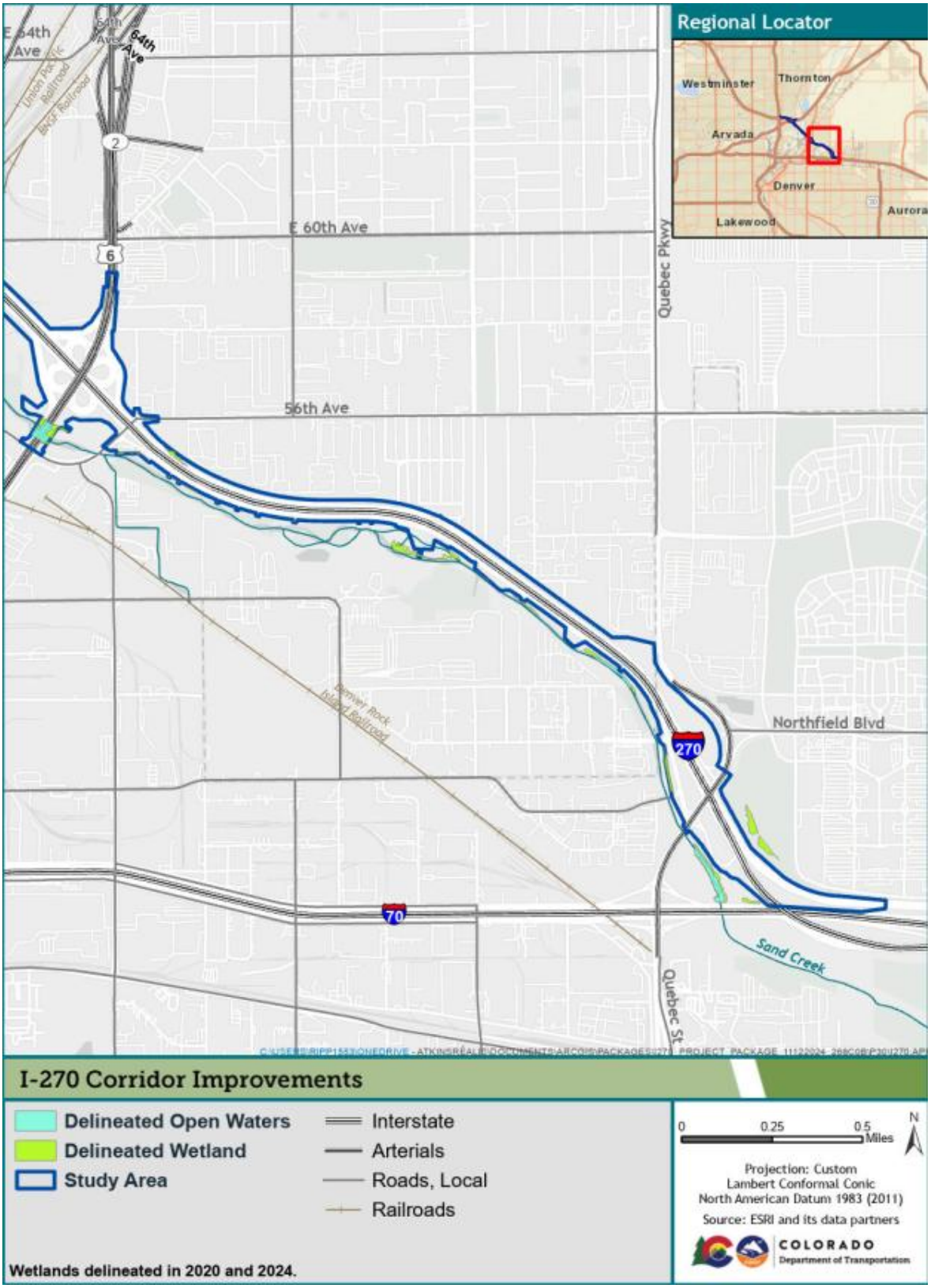
E-060: Figure 8. Aquatic Resources Mapping - West



E-062: Table 1. Land Cover Types Identified in the Study Area

Land Cover	Acreage within Study Area	Percentage of Study Area
Barren Land	~~49.28~~ 49.40	13%
Prairie, Grassland, and Natural Ground Cover	~~174.35~~ 175.47	47%
Impervious Surface	~~137.41~~ 138.15	37%
Structures	~~0.19~~ 0.24	<1%
Tree Canopy	~~4.03~~ 4.22	1%
Turf and Irrigated Land	~~2.70~~ 3.05	1%
Water	~~1.30~~ 2.17	1%
Total	~~**369.26**~~ 372.70	**100%**

E-064: Figure 10. Aquatic Resources Mapping – East



E-066: Table 4. Temporary and Permanent Impacts to Land Cover Types Identified in the Study Area in Acres

Land Cover Type	Permanent Impacts	Temporary Impacts	Combined Impacts
Barren land	34.93	14.36	49.29
Prairie, grassland, and natural ground cover	127.81	46.55	174.36
Impervious surface	117.68	19.73	137.41
Structures	0.04	0.15	0.19
Tree canopy	3.09	0.95	4.04
Turf and irrigated land	1.56	1.18	2.74
Water	0.19	1.16	1.35
Total	**285.30**	**84.08**	**369.38**

Source: DRCOG 202

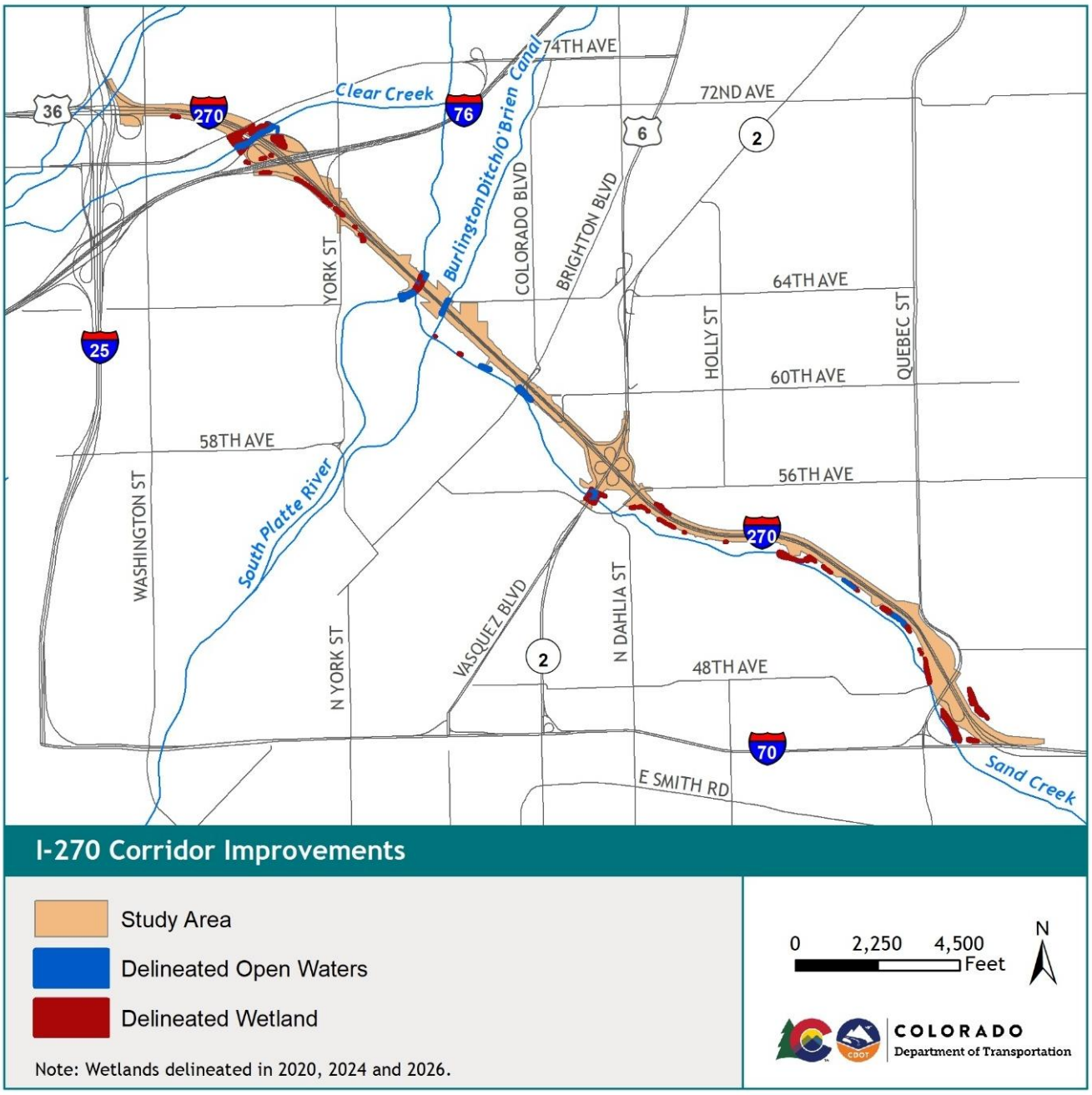
E-070: Table 5. Summary of Impacts and Mitigation – Both Build Alternatives

Activity Triggering Mitigation	Location of Activity	Impact	Mitigation Commitment	Responsible Branch	Timing/Phase that Mitigation will be Implemented
General construction activities	Study Area	Potential impacts to burrowing owls and raptors during breeding season	Preconstruction surveys for raptors and burrowing owls will be conducted prior to construction occurring during the breeding seasons per CDOT's Section 240 Specifications: Protection of Migratory Birds, and Black-tailed Prairie Dog Management. The breeding season for raptors is considered February 15th to August 31st, although eagles may nest as early as December. The breeding season for burrowing owls is considered March 15th to August 31st, with young potentially present until October 31st.	CDOT Engineering and Environmental, and Contractor	Pre-Construction and Construction

E-071: Table 5. Summary of Impacts and Mitigation – Both Build Alternatives

Activity Triggering Mitigation	Location of Activity	Impact	Mitigation Commitment	Responsible Branch	Timing/Phase that Mitigation will be Implemented
General construction activities	Study Area bridges	Potential impacts to bat habitat	During project design, CDOT will evaluate and consider bat-friendly bridge designs in consultation with CPW.	CDOT Engineering and Environmental	Final Design

E-075: Figure 6. Aquatic Resources Overview Map



E-077: Table 5. Summary of Delineated Wetlands

Wetland Name	Cowardin Class	Federal Jurisdiction	Wetland Description	Square Feet	Acres[1]
W001[2]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	8,658	0.199
W002[2]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	25,841	0.593
W003[2]	PEM	Non-jurisdictional	Roadside stormwater swale constructed in UPL	10,027	0.230
W010[2]	PSS	Non-jurisdictional	Artificially created wetland located 750 feet from Sand Creek on opposite side of I-270 and Sand Creek Dr.	55,175	1.267
W020[2]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	21,632	0.497
W023[3]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	277	0.006
W025[3]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	3,441	0.079
W027[3]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	16,591	0.381
W028[4]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	47,123	1.082
W030[4]	PSS	Jurisdictional	Wetland adjacent to small tributary to Sand Creek, located in Sand Creek floodplain	245	0.006
W031[5]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	4,242	0.097
W032[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	98	0.002
W050[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	18,008	0.413
W051[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	7,137	0.164

W052[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	4,015	0.092
W053[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	351	0.008
W070[5]	PEM	Non-jurisdictional	Roadside swale	11,874	0.273
W100[6]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	2,474	0.057
W195[8]	PSS	Jurisdictional	Wetland on fringe of constructed depressional feature with potential surface connection to Clear Creek	583	0.013
W200[8]	PEM	Jurisdictional	Stormwater swale in Clear Creek floodplain	7,848	0.180
W205[8]	PSS	Jurisdictional	Wetland located within the historic Clear Creek floodplain on the opposite side of Clear Creek Greenway trail. Possible surface connection to Clear Creek.	26,314	0.604
W210[8]	PSS	Jurisdictional	Wetland located within the historic Clear Creek floodplain on the opposite side of Clear Creek Greenway trail. Possible surface connection to Clear Creek.	61,952	1.422
W215[8]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Clear Creek	1,103	0.025
W216[8]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Clear Creek	9,512	0.218
W220[8]	PSS	Jurisdictional	Depressional feature in Clear Creek floodplain with surface connection to Clear Creek	1,086	0.025
W230[7]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to South Platte River	325	0.007
W231[7]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to South Platte River	~~3,248~~ 625	~~0.075~~ 0.014
W232[7]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to South Platte River	779	0.018

W233[7]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to South Platte River	1,029	0.024
W300[8]	PEM	Non-jurisdictional	Constructed stormwater settling basin—associated with highway construction and runoff	56,694	1.302
W320[8]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Clear Creek	15,883	0.365
W330[8]	PEM	Non-jurisdictional	Roadside swale constructed in a UPL—associated with highway construction and runoff	3,071	0.070
W340[8]	PEM	Non-jurisdictional	Roadside swale constructed in a UPL—associated with highway construction and runoff	1,320	0.030
W401[9]	PEM	Non-jurisdictional	Roadside ditch constructed in a UPL—associated with highway construction and runoff	2,902	0.067
W410[8]	PEM	Non-jurisdictional	Roadside ditch constructed in a UPL—associated with highway construction and runoff	2,728	0.063
W420[8]	PEM	Non-jurisdictional	Roadside ditch constructed in a UPL—associated with highway construction and runoff	19,732	0.453
W430[8]	PEM	Non-jurisdictional	Roadside ditch constructed in a UPL—associated with highway construction and runoff	4,259	0.098
W440[7]	PEM	Non-jurisdictional	Roadside ditch constructed in a UPL—associated with highway construction and runoff	333	0.008
W450[7]	PEM	Non-jurisdictional	Depressional wetland adjacent to roadside ditch constructed in a UPL	6,811	0.156
W501[5]	PSS	Jurisdictional	Wetland swale located in the Sand Creek floodplain and with direct surface connection to Sand Creek	494	0.011
W502[5]	PSS	Jurisdictional	Wetland swale located in the Sand Creek floodplain and with direct surface connection to Sand Creek	1,226	0.028
W503[5]	PSS	Jurisdictional	Wetland swale located in the Sand Creek floodplain and with direct surface connection to Sand Creek	1,412	0.032
W504[5]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	2,608	0.060
W505[5]	PSS	Jurisdictional	Wetland located at stormwater outfall located adjacent to and with direct surface connection to Sand Creek	819	0.019

W506[4]	PSS	Jurisdictional	Wetland located at stormwater outfall located adjacent to and with direct surface connection to Sand Creek	351	0.008
W507[6]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	121	0.003
W508[5]	PEM	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	3,900	0.090
W510[5]	PEM	Jurisdictional	In-Channel wetland island, within the OHWM of Sand Creek	1,542	0.035
W511[3]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	1,833	0.042
W512[4]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	174	0.004
W513[4]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	1,255	0.029
W514[4]	PSS	Jurisdictional	Wetland adjacent to and with direct surface connection to Sand Creek	636	0.015
W515[4]	**PSS**	**Jurisdictional**	**Wetland adjacent to and with direct surface connection to Sand Creek**	**665**	**0.015**
			Subtotal Jurisdictional	**~~306,166~~ 304,217**	**~~7.029~~ 6.984**
			Subtotal Non-jurisdictional	**174,926**	**4.016**
			Total	**~~481,092~~ 479,134 square feet**	**~~11.044~~ 11.000 acres**

Wetland acreages reported in Table 2 are approximate and have been rounded to the nearest thousandth place.
Wetland is shown in Attachment A on page 8.
Wetland is shown in Attachment A on page 7.
Wetland is shown in Attachment A on page 6.
Wetland is shown in Attachment A on page 5.
Wetland is shown in Attachment A on page 4.
Wetland is shown in Attachment A on page 3.
Wetland is shown in Attachment A on page 2.
Wetland is shown in Attachment A on page 1.

E-078: Table 3. Summary of Delineated Non-Wetland Waters

Feature Name	Feature Type (Cowardin Class)	Federal Jurisdiction	Approx. OHWM Width (feet)	Description of Non-Wetland Water	Square Feet	Acres[1]
OW001[2] (Sand Creek)	R3AB	Jurisdictional	80	Sand Creek	65,855	1.512
OW025[3] (Sand Creek)	R3AB	Jurisdictional	60	Sand Creek	25,683	0.590
OW027[3](Sand Creek)	R3AB	Jurisdictional	55	Sand Creek	2,243	0.051
OW030[4]	R3RB	Jurisdictional	5	Unnamed relatively permanent stream, natural bottom, tributary and direct nexus with Sand Creek	516	0.012
OW035[4]	**R3RB**	**Jurisdictional**	**90**	**Sand Creek**	**39,900**	**0.916**
OW036[4]	**R3RB**	**Jurisdictional**	**50**	**Sand Creek**	**14,876**	**0.342**
OW050[5] (Sand Creek)	R3AB	Jurisdictional	100	Sand Creek	54,500	1.251
OW150[7](O'Brien Canal)	R3RB	Jurisdictional	50	Burlington Ditch/O'Brien Canal	~~21,247~~ **24,580**	~~0.488~~ **0.564**
OW195[8]	L2AB	Jurisdictional	40	Gravel pit—associated with infrastructure construction	4,345	0.100
OW215[8] (Clear Creek)	R3AB	Jurisdictional	80	Clear Creek	60,202	1.382
OW230[7] (South Platte River)	R3AB	Jurisdictional	110	South Platte River	~~46,607~~ **117,986**	~~1.070~~ **2.709**
OW310[8]	R6	Non-jurisdictional	3	Non-relatively permanent stormwater ditch	131	0.003
				Subtotal Jurisdictional	~~**281,198**~~ **410,686**	~~**6.455**~~ **9.428**
				Subtotal Non-jurisdictional	**131**	**0.003**
				Total	~~**281,329**~~ **410,817 square feet**	~~**6.458**~~ **9.431 acres**

Wetland acreages reported in Table 3 are approximate and have been rounded to the nearest thousandth place.
Wetland is shown in Attachment A on page 8.

Wetland is shown in Attachment A on page 7.
Wetland is shown in Attachment A on page 6.
Wetland is shown in Attachment A on page 5.
Wetland is shown in Attachment A on page 4.
Wetland is shown in Attachment A on page 3.

E-079: Table 5. Stressors and Functional Capacity Indices Scores

AA ID	Associated Surface Water	Wetland Identification	Stressor Discussion	Total FCI Score	Low FCI Score	High FCI Score
AA-SC-1	Sand Creek	W100, ~~and~~ W507, **and W515**	Urban/commercial/industrial setting, adjacent to, created by, and confined by I-270.	0.72	0.70 (Support of Characteristic Fish/aquatic Habitat, Short- and Long-term Water Storage, Nutrient/Toxicant Removal)	0.74 (Support of Characteristic Wildlife Habitat, Sediment Retention/Shoreline Stabilization)

E-083: Table 6. Summary of Wetland Impacts

Associated Surface Water	Cowardin Classification	Temporary Impacts (acres)	Permanent Impact (acres)	Federal Jurisdictional Status
Clear Creek	PEM and PSS	0.549	0.000	Jurisdictional
Sand Creek	PEM and PSS	~~0.969~~ **0.976**	0.264	Jurisdictional
South Platte River	PSS	~~0.016~~ **0.012**	~~0.103~~ **0.051**	Jurisdictional
Stormwater Wetlands[1]	PEM	0.094	2.301	Non-jurisdictional
Total Federally Jurisdictional	**NA**	~~**1.534**~~ **1.537**	~~**0.367**~~ **0.311**	**NA**
Total Federally Non-Jurisdictional	**NA**	**0.094**	**2.301**	**NA**
Grand Total	**NA**	~~**1.628**~~ **1.631**	~~**2.668**~~ **2.612**	**NA**

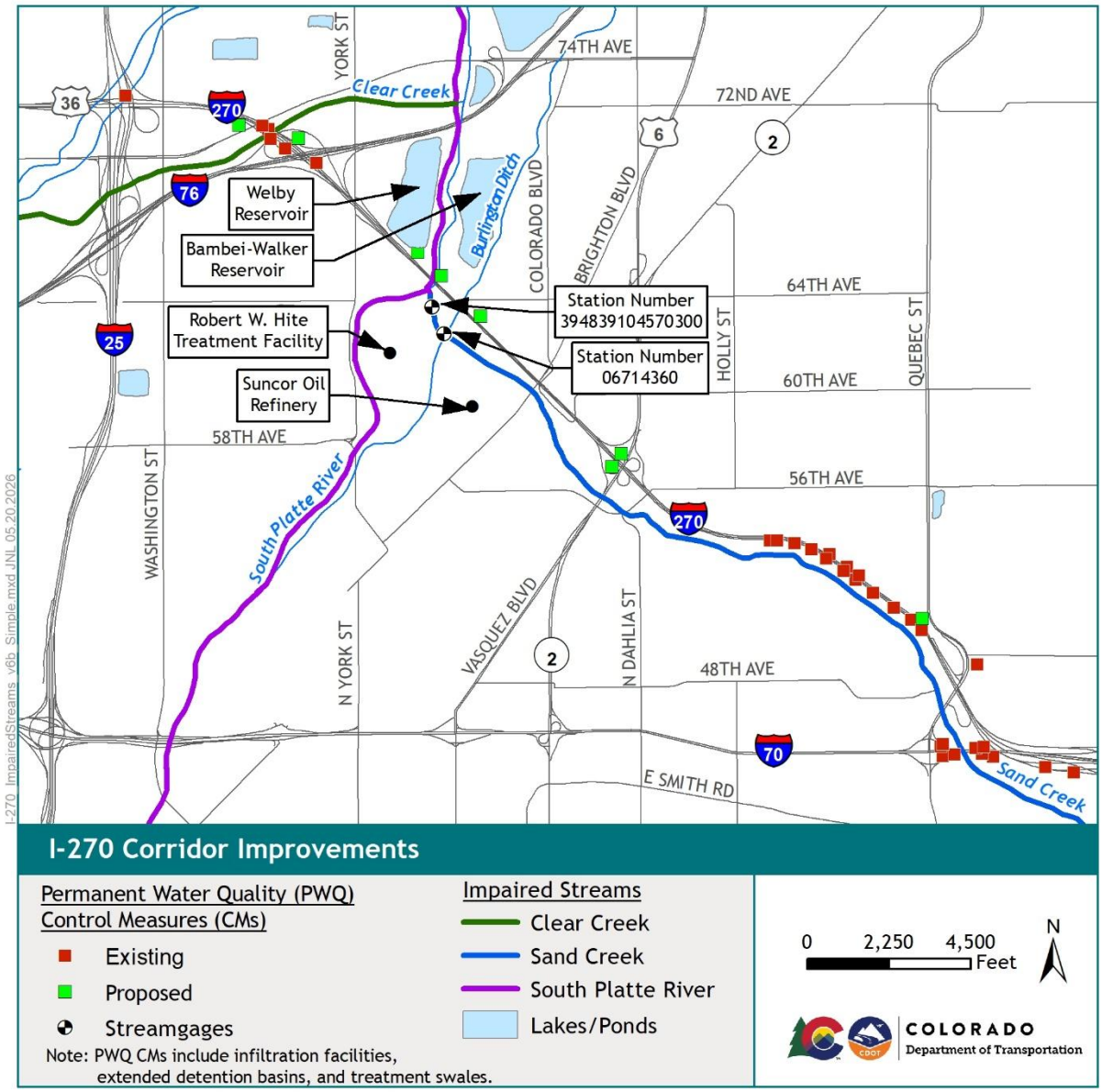
Source: AtkinsRéalis
NA = not applicable
[1] Stormwater Wetlands include stormwater-related wetland features such as roadside ditches and water quality facilities.

E-084: Table 7. Summary of Non-Wetland Waters Impacts

Associated Surface Water	Temporary Impacts (acres)	Permanent Impacts (acres)	Federal Jurisdictional Status
Sand Creek	~~1.033~~ **1.347**	~~0.191~~ **0.184**	Jurisdictional
South Platte River	~~0.767~~ **1.301**	~~0.067~~ **0.127**	Jurisdictional
Clear Creek	0.22	0.0	Jurisdictional
Burlington Ditch/O'Brien Canal	~~0.393~~ **0.516**	0.0	Jurisdictional
Total	~~**2.413**~~ **3.384**	~~**0.258**~~ **0.311**	**Jurisdictional**

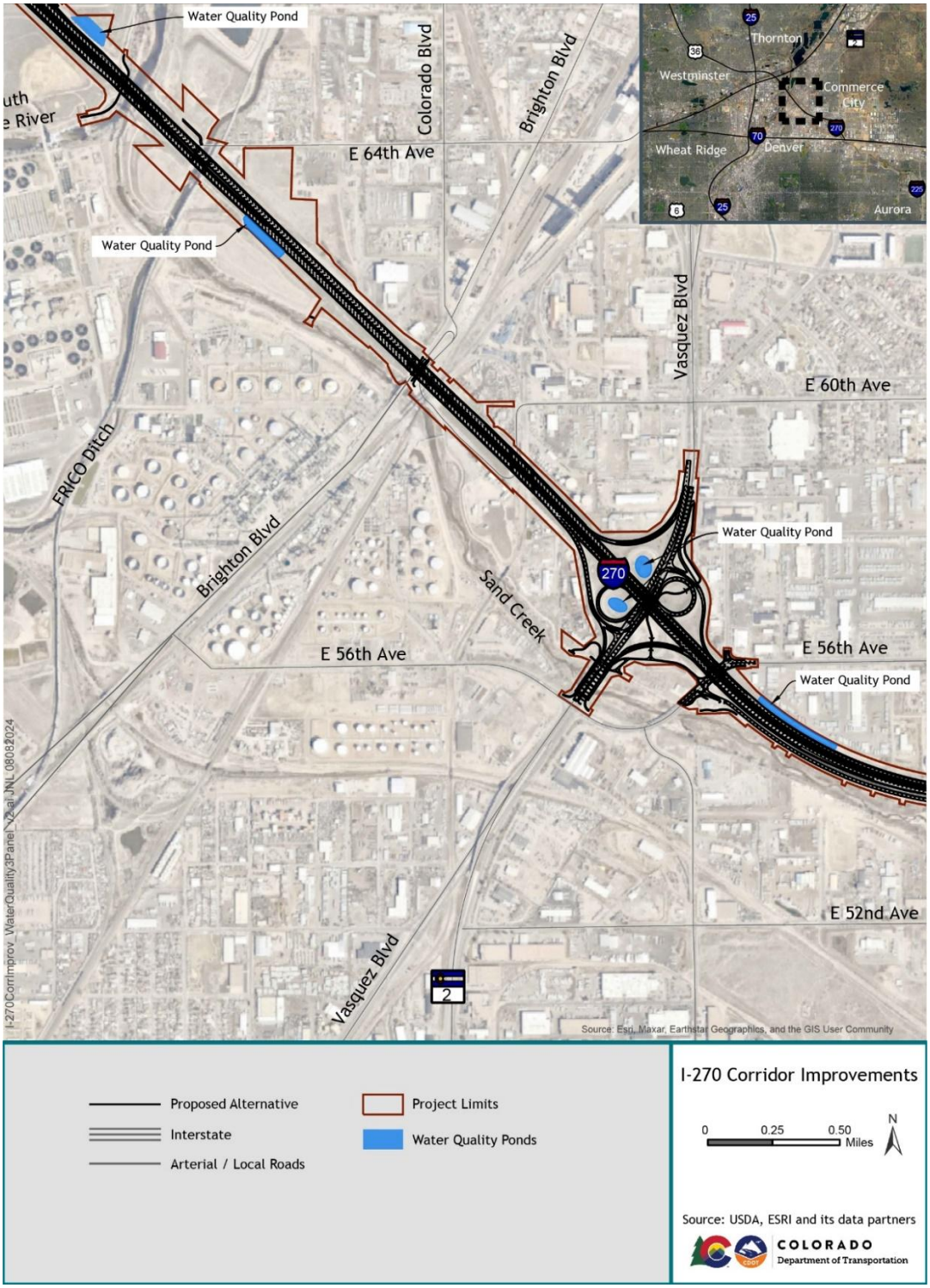
Source: AtkinsRéalis

E-086: Figure 7. Impaired Streams and Existing and Proposed PWQ CMs



E-088: Figure 11. PWQ Locations for Build Alternatives (West Section)

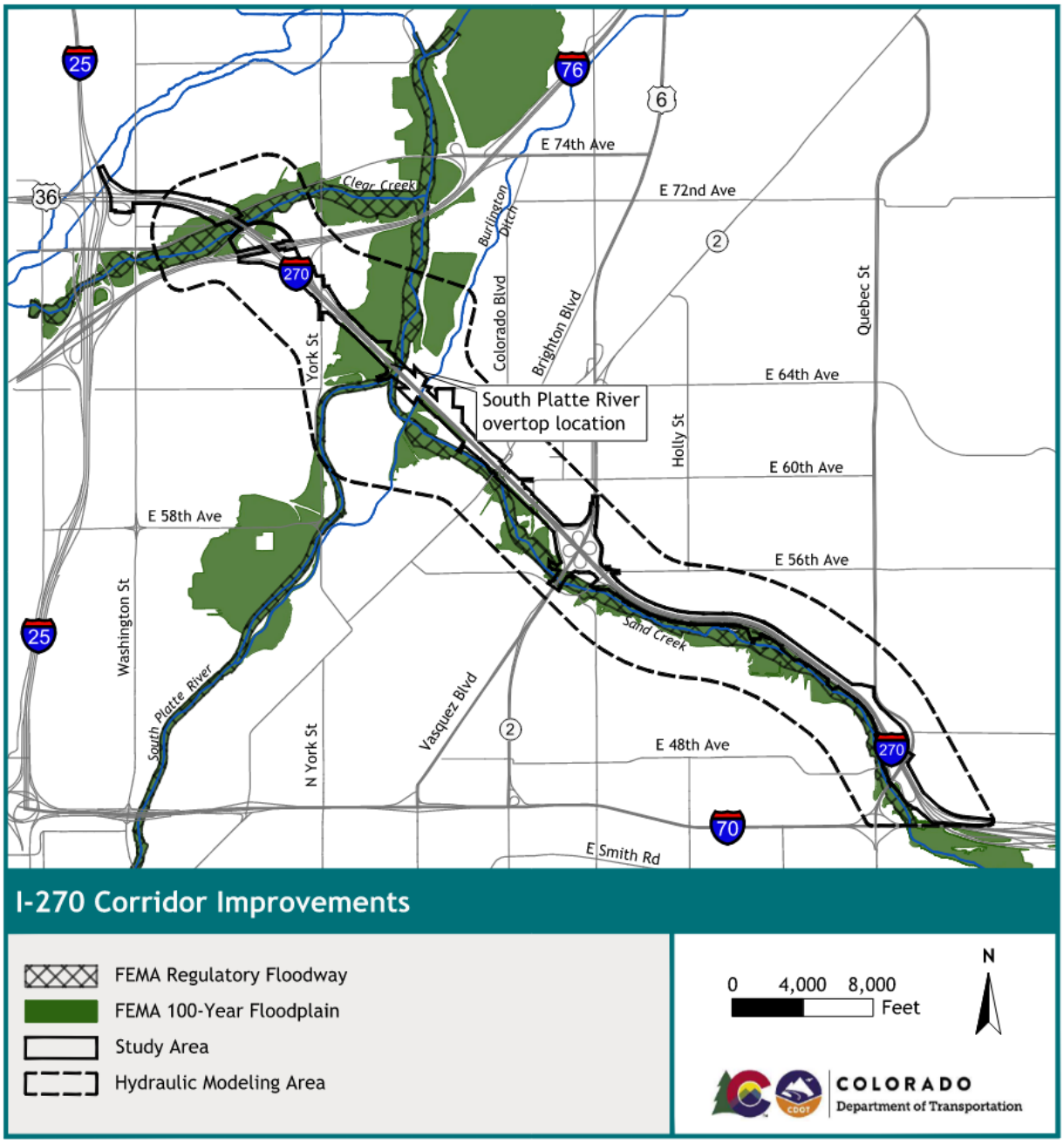
E-089: Figure 12. PWQ Locations for Build Alternatives (Central Section)



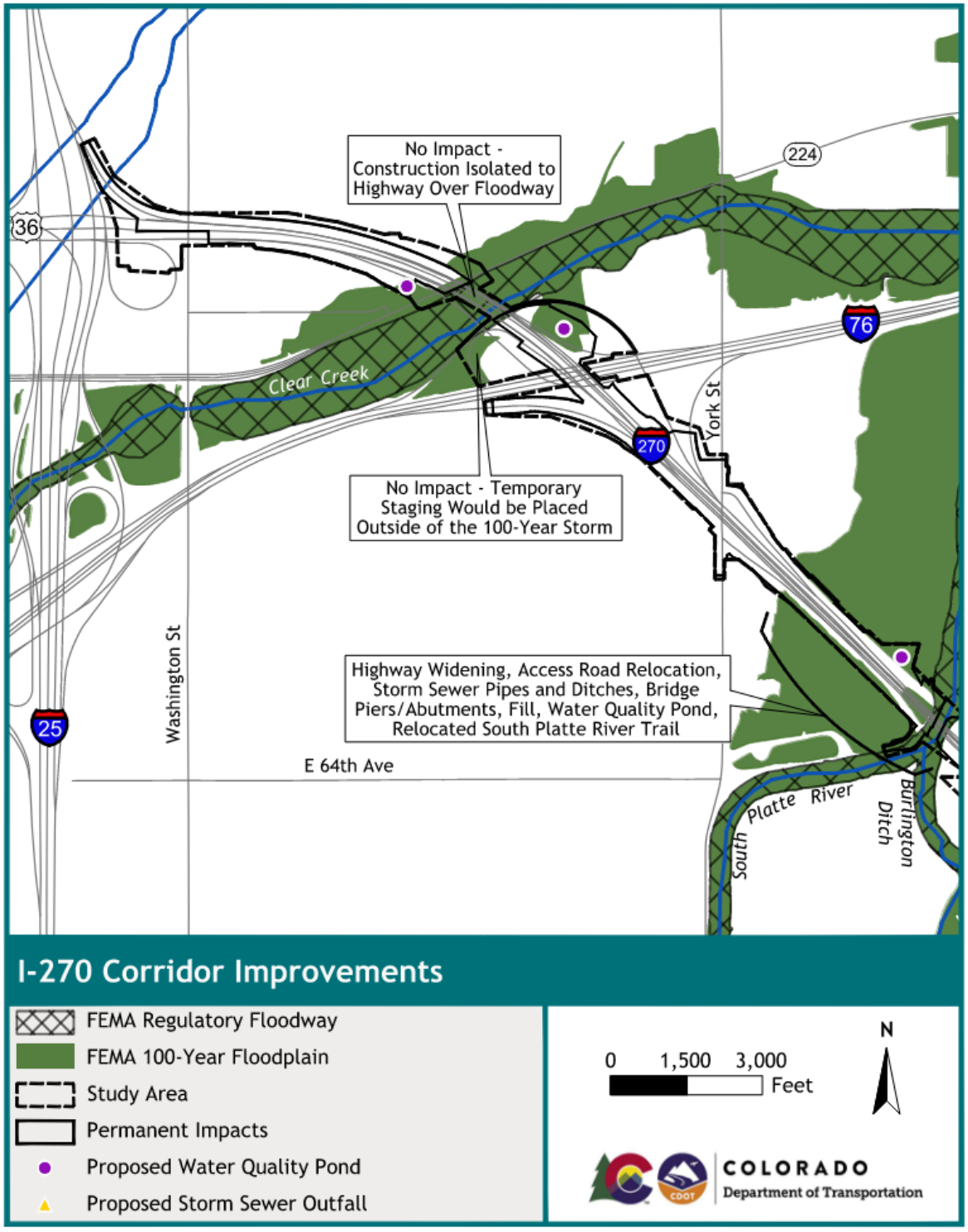
E-090: Table 2. Summary of Impacts and Mitigation – Build Alternatives

Activity Triggering Mitigation	Location of Activity	Impact	Mitigation Commitment	Responsible Branch	Timing/Phase that Mitigation will be Implemented
General construction activities	Near the crossing of Sand Creek and the Burlington Ditch	Potential impacts to US Geological Survey streamgages	Contact the Colorado Water Science Center with sufficient advance notice prior to construction near streamgages with Station Number 06714360 and Station Number 394839104570300. Efforts should be made to both preserve these stations and minimize impacts to data collected at these stations.	CDOT Engineering and Environmental, and Contractor	Pre-Construction and Construction

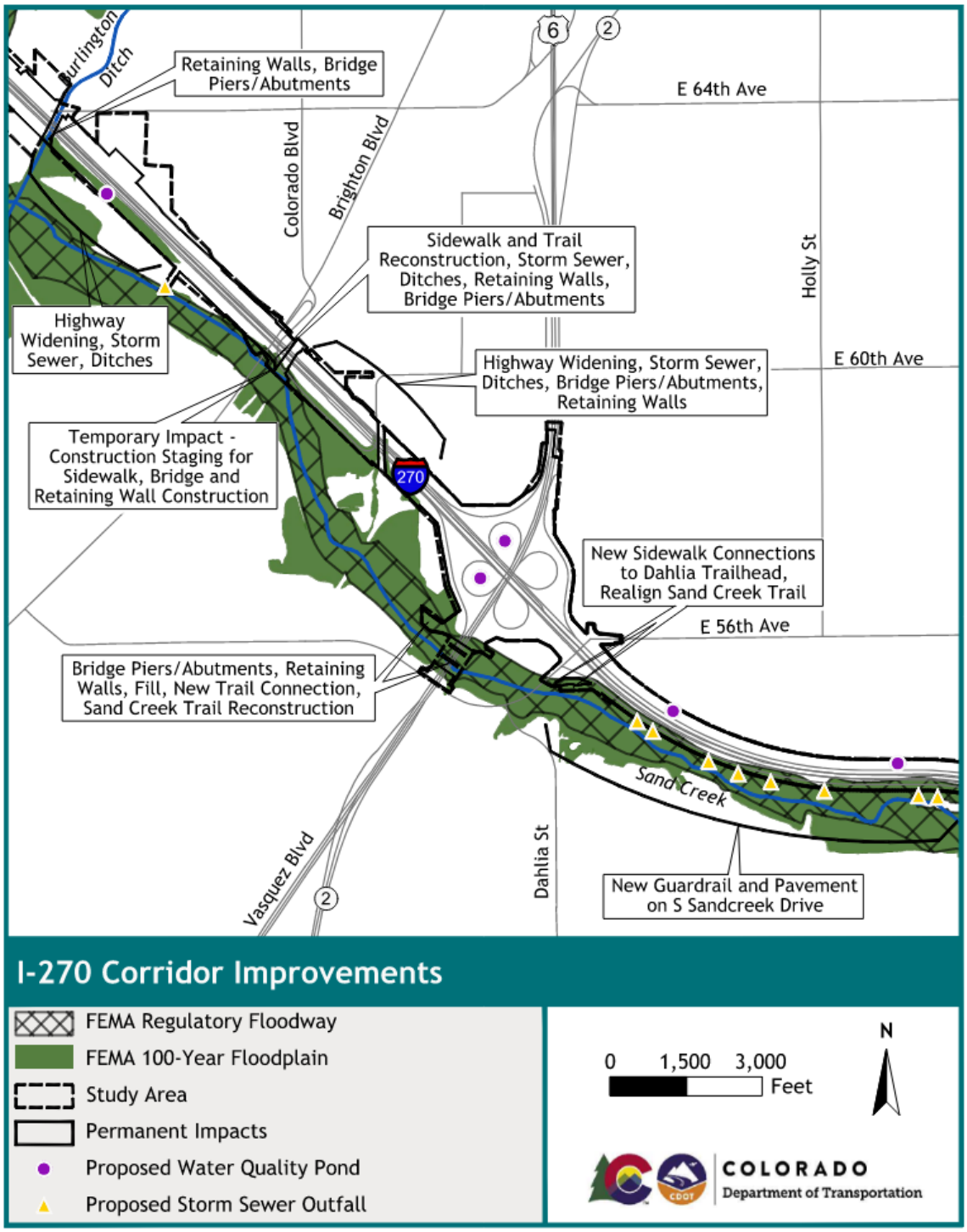
E-091: Figure 6. Regulated 100-Year Floodplains and Floodways within Study Area



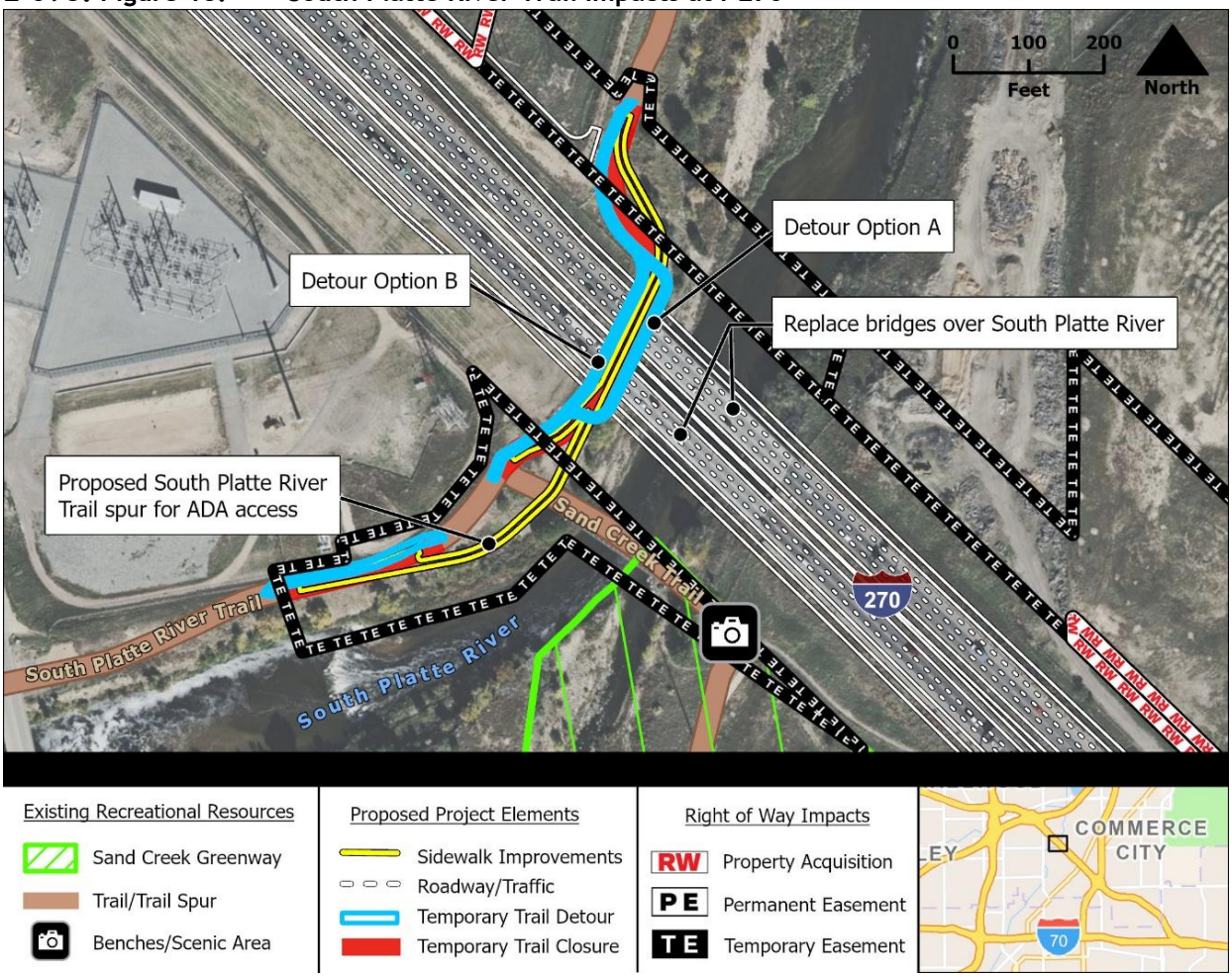
E-092: Figure 7. Impacts to Floodplains (West Section)



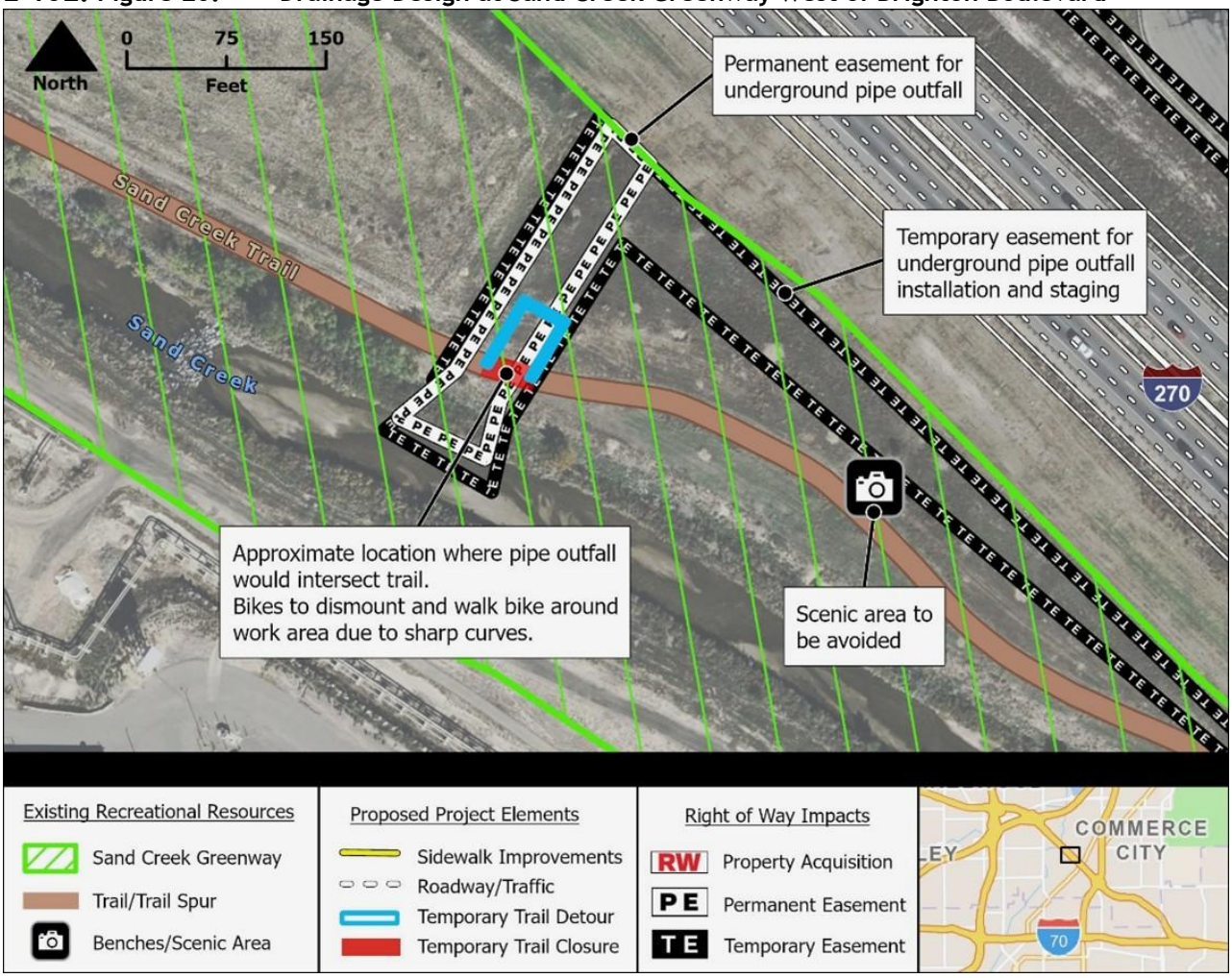
E-093: Figure 8. Impacts to Floodplains (Central Section)



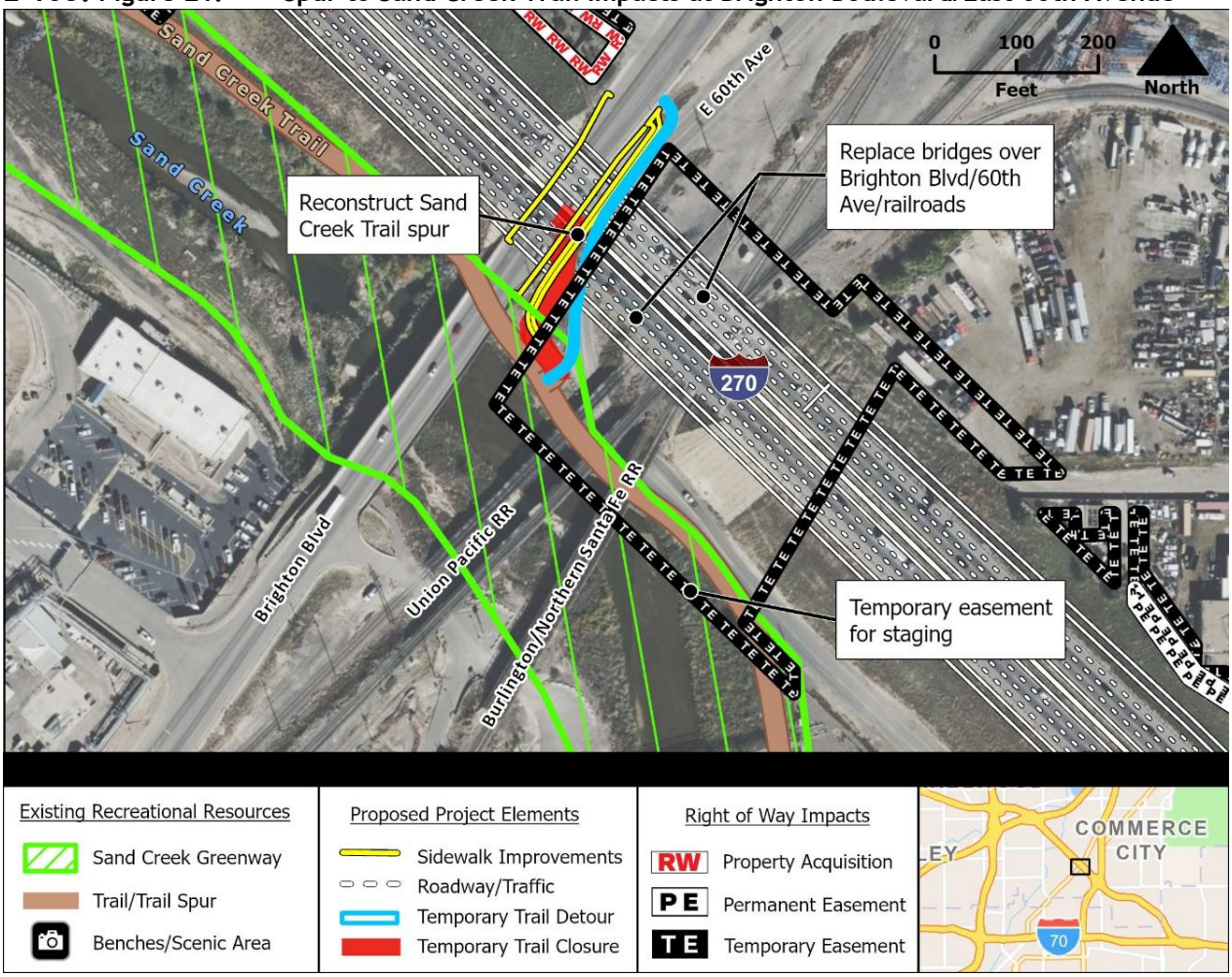
E-098: Figure 18. South Platte River Trail Impacts at I-270



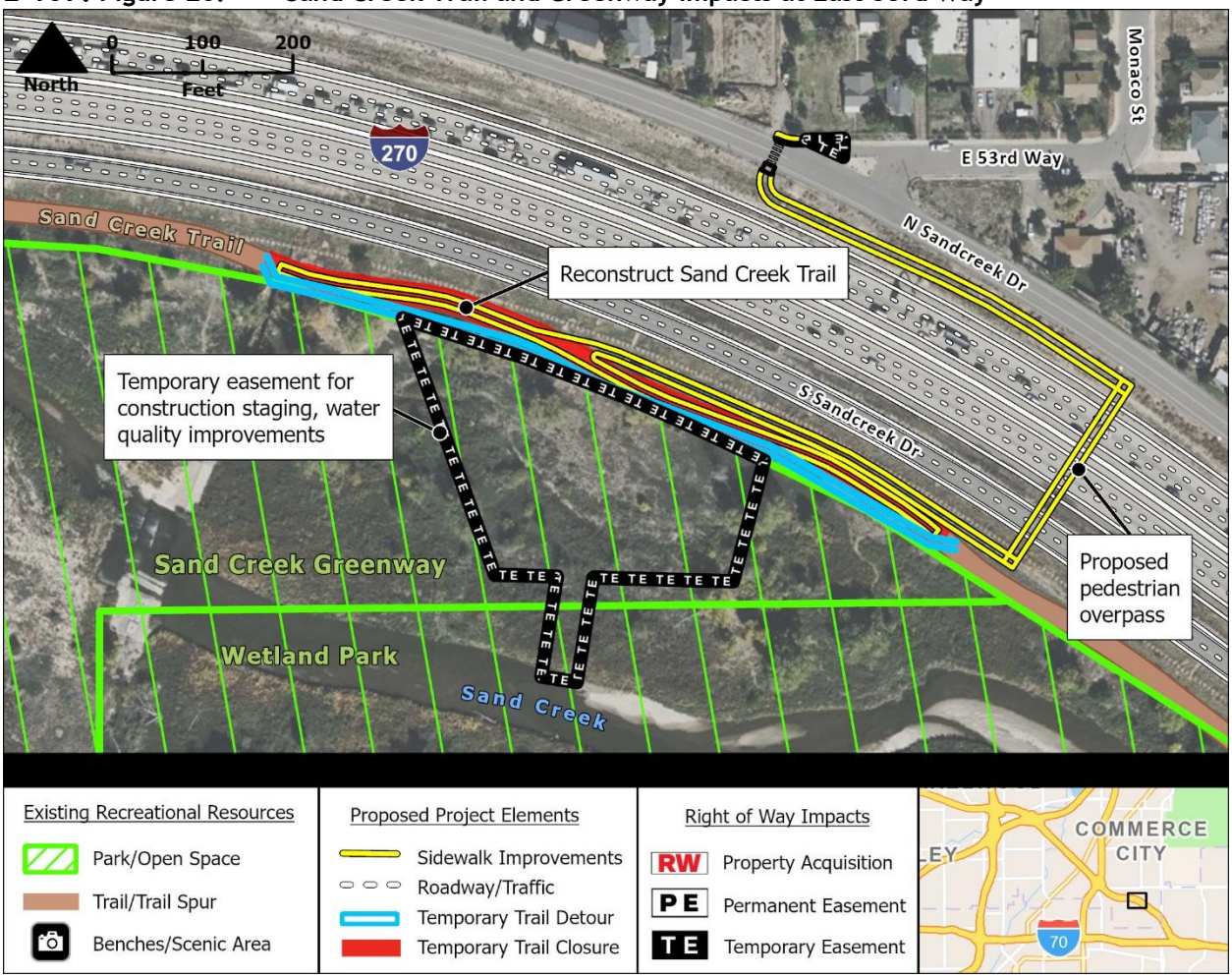
E-102: Figure 20. Drainage Design at Sand Creek Greenway West of Brighton Boulevard



E-105: Figure 21. Spur to Sand Creek Trail Impacts at Brighton Boulevard/East 60th Avenue



E-107: Figure 26. Sand Creek Trail and Greenway Impacts at East 53rd Way



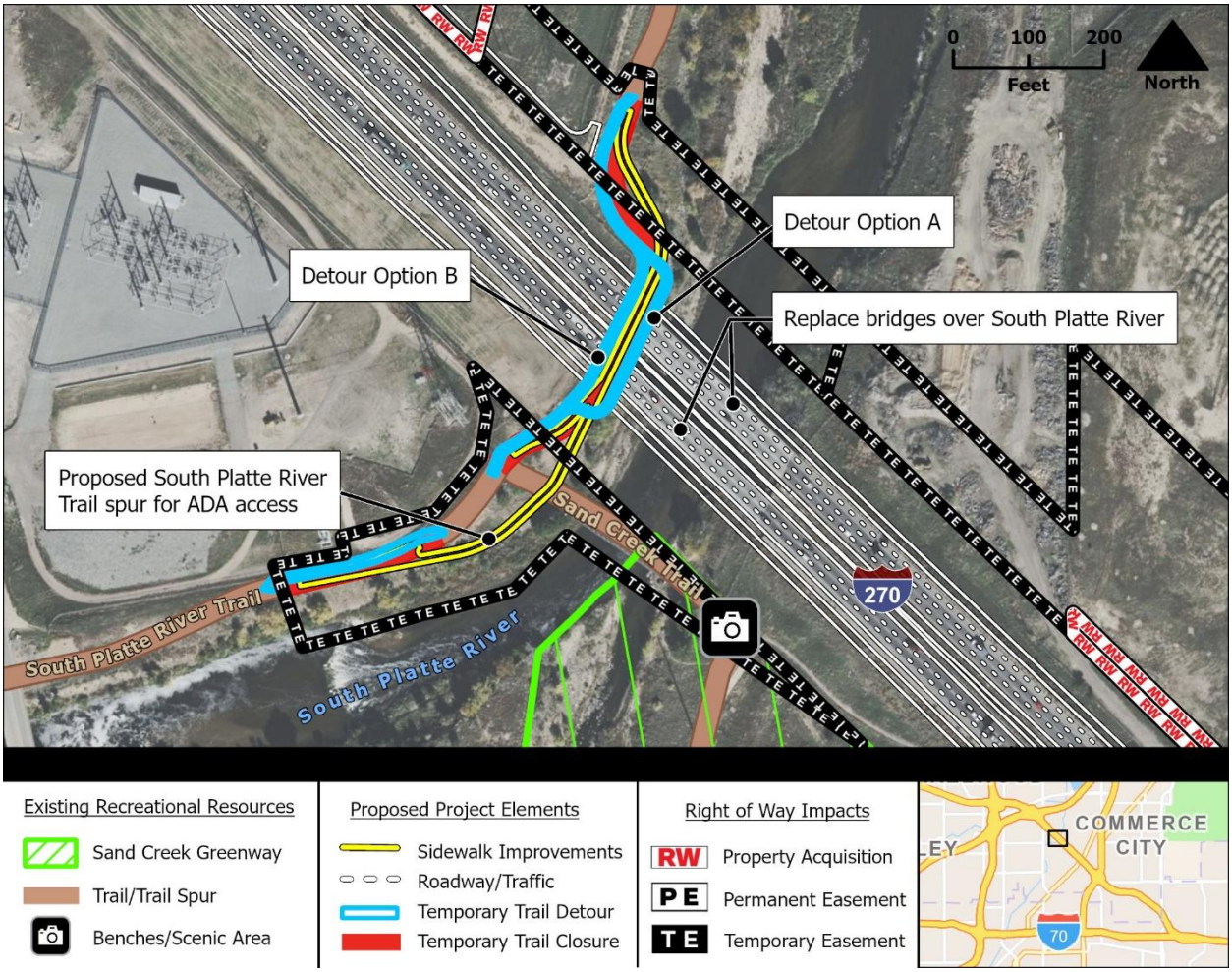
E-115: Table 3. Section 4(f) Evaluations of Historic Built Environment Sites (National Register Eligible Historic Properties)

OAHP Resource Number	Resource Name	No Action Alternative	Three General-Purpose Lanes Alternative	Two General-Purpose Lanes and One Express Lane that Accommodates Transit Alternative
5AM.464 -5AM.464.21	Chicago Burlington & Quincy/Burlington Northern Sante Fe (CB&Q/BNSF) Brush Line	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: ~~TE 4-04 (0.02 acre)~~ TE 4-05 (0.11 acre) TE 4-08 (~~0.02~~ **0.05** acre)	*de minimis* Section 4(f) Impact: ~~TE 4-04 (0.02 acre)~~ TE 4-05 (0.11 acre) TE 4-08 (~~0.02~~ **0.05** acre)
5AM.465 -5AM.465.9	Burlington Ditch Burlington Ditch/O'Brien Canal	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: ~~PE 3-03 (0.01 acre)~~ ~~TE 3-05 (0.07 acre)~~ **PE 3-04 (0.01 acre)** TE 3-06 (~~0.10~~ **0.27** acre) TE 3-07 (0.03 acre) TE 3-08 (0.87 acre) TE 3-15 (0.10 acre)	*de minimis* Section 4(f) Impact: ~~PE 3-03 (0.01 acre~~) ~~TE 3-05 (0.07 acre)~~ **PE 3-04 (0.01 acre)** TE 3-06 (~~0.10~~ **0.27** acre) TE 3-07 (0.03 acre) TE 3-08 (0.87 acre) TE 3-15 (0.10 acre)
5AM.472 -5AM.472.41	Denver Pacific/Union Pacific Railroad Segment – Greeley Line	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: ~~TE 4-04 (0.03 acre)~~ TE 4-05 (0.21 acre)	*de minimis* Section 4(f) Impact: ~~TE 4-04 (0.03 acre)~~ TE 4-05 (0.21 acre)
5AM.1292 -5AM.1292.2	Gardner Ditch – Gardener Ditch – Heller Ditch Gardener's Ditch Segment	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: 0.08 acre of new use of historic ditch within existing I-270 ROW RW 3-06 (up to 10 square feet) PE 2-04 (0.01 acre) PE 3-08 (0.01 acre)	*de minimis* Section 4(f) Impact: 0.08 acre of new use of historic ditch within existing I-270 ROW RW 3-06 (up to 10 square feet) PE 2-04 (0.01 acre) PE 3-08 (0.01 acre)
5AM.1298 -5AM.1298.3	Market Street Railroad Market Street Railroad Segment	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: TE 5-09 (0.32 acre)	*de minimis* Section 4(f) Impact: TE 5-09 (0.32 acre)
5AM.2410 -5AM.2410.1 -5AM.2410.2	Brighton Boulevard/CO-265 Brighton Boulevard Segment	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: 1.5 acres of new use within historic	*de minimis* Section 4(f) Impact: 1.5 acres of new use within historic Brighton Boulevard boundary

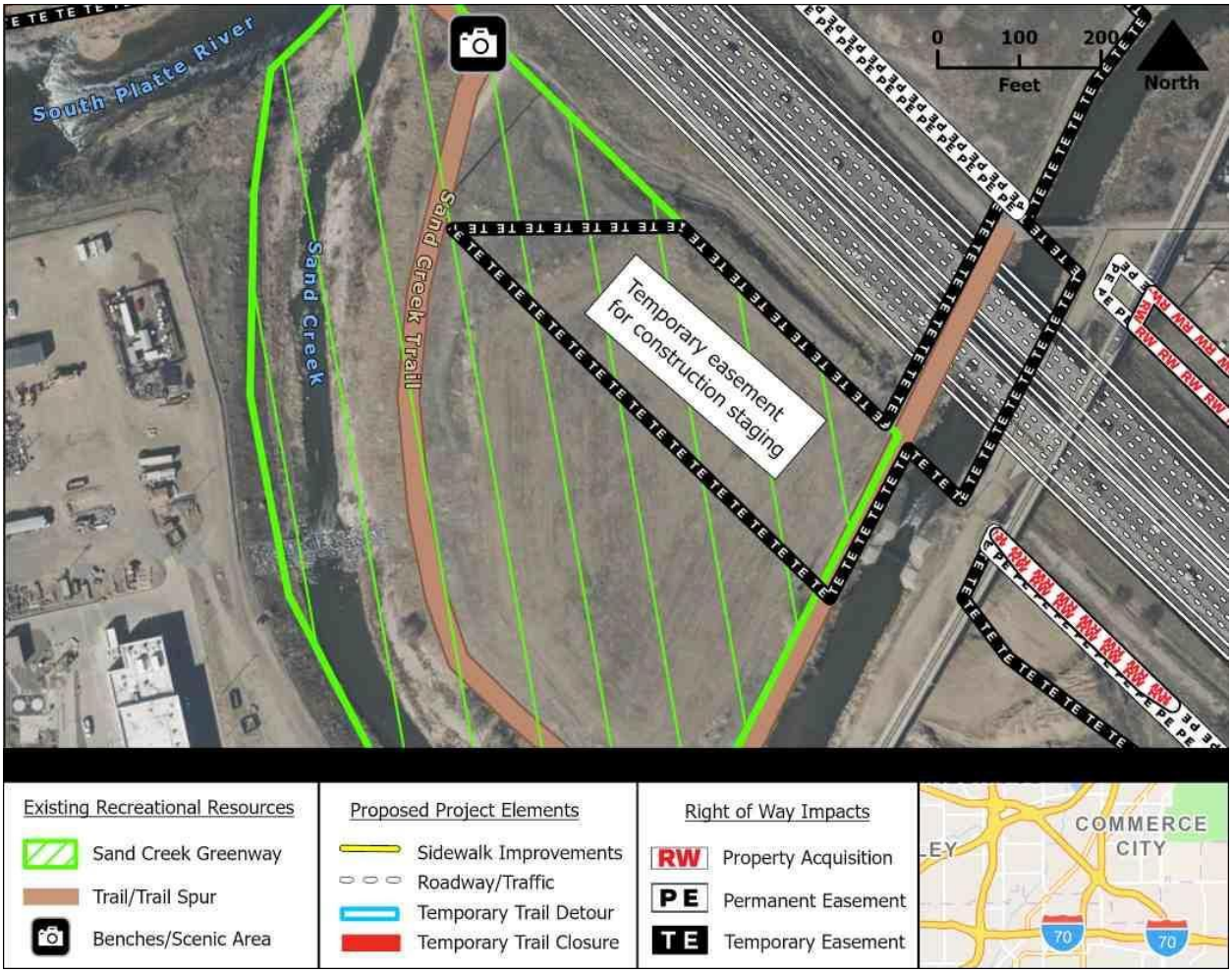
			Brighton Boulevard boundary	
5AM.3924 -5AM.3924.2 -5AM.3924.3	Vasquez Boulevard/US Highway 6 Vasquez Boulevard Segment	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: 8.82 acres of new use within historic boundary of Vasquez Boulevard – 4.84 acres within 5AM.3924.2 and 3.98 acres within 5AM.3924.3	*de minimis* Section 4(f) Impact: 8.82 acres of new use within historic boundary of Vasquez Boulevard – 4.84 acres within 5AM.3924.2 and 3.98 acres within 5AM.3924.3
5AM.4044	Suncor Energy	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: ~~TE 4-09 (11,800 square feet or 0.27 acre)~~ **TE 4-03 (0.14 acre)**	*de minimis* Section 4(f) Impact: ~~TE 4-09 (11,800 square feet or 0.27 acre)~~ **TE 4-03 (0.14 acre)**
5AM.4047	Plastics, Inc.	No New Use/No Section 4(f)	Section 4(f) Impact: None	Section 4(f) Impact: None
5AM.4101 -5AM.4101.2	York Street York Street Segment	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: 2.4 acres of new use within historic boundary of York Street	*de minimis* Section 4(f) Impact: 2.4 acres of new use within historic boundary of York Street
5AM.4119	Sand Creek Junction	No New Use/No Section 4(f)	*de minimis* Section 4(f) Impact: TE 4-05 (0.05 acre)	*de minimis* Section 4(f) Impact: TE 4-05 (0.05 acre)

Key: TE – temporary construction easement; PE – permanent easement; RW – right-of-way

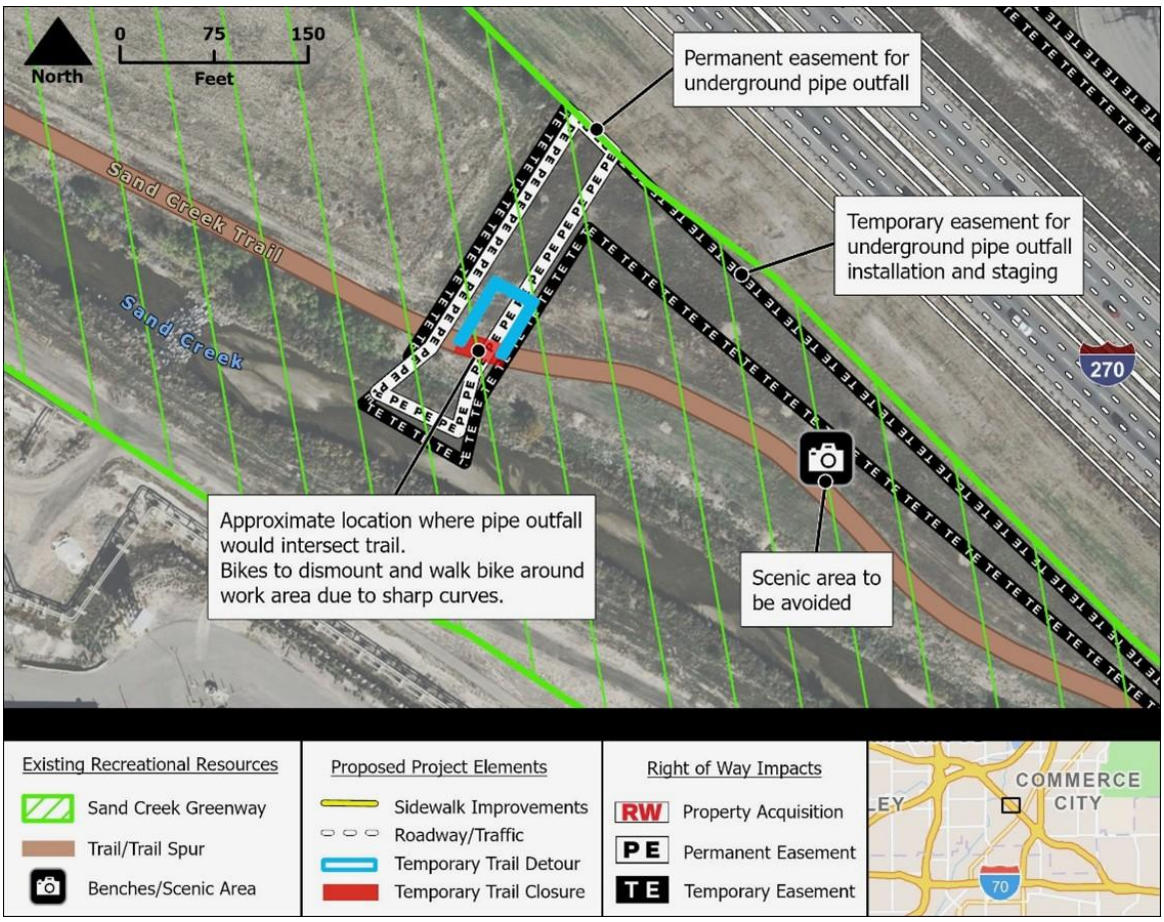
E-116: Figure 10. South Platte River Trail at I-270 Impacts



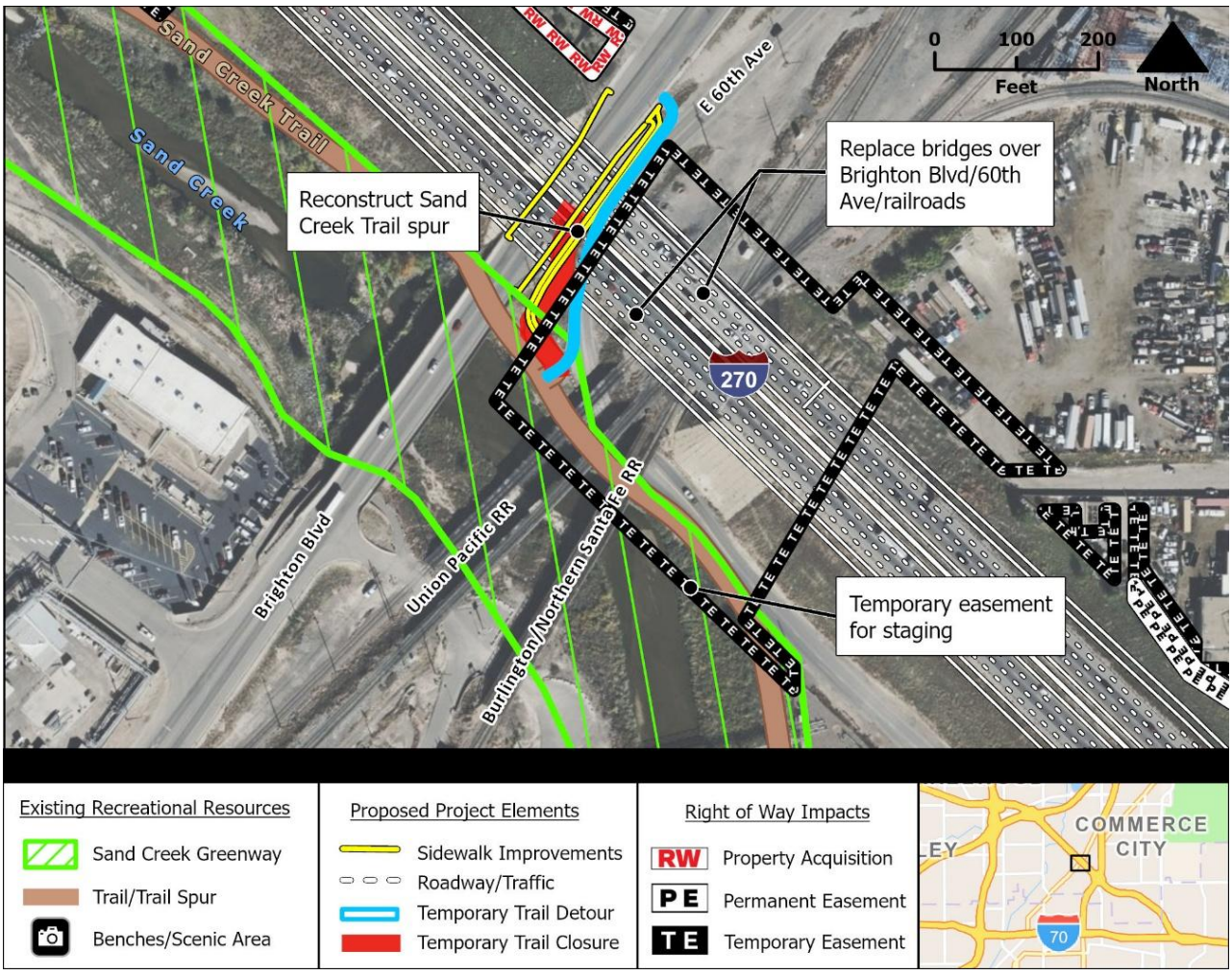
E-118: Figure 11. Sand Creek Greenway Impacts, West of Burlington Ditch



E-121: Figure 12. Sand Creek Trail and Greenway Impacts, West of Brighton Boulevard



E-123: Figure 13. Spur to Sand Creek Trail Impacts at Brighton Boulevard/East 60th Avenue



E-125: Figure 17. Sand Creek Trail and Greenway Impacts at East 53rd Way