

# CHANGE ORDER

Number ~~X~~ 6

Date: October 21, 2022  
To: Con-Sy Inc.  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: **G Road Bridge Replacement Project**  
P.O.: 2021-00000342

It is agreed to modify the Contract for the Project as follows:

Change Order #6 establishes the final contract price based on the final installed and accepted quantities for the Project and also establishes the final contract days to complete the Project.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	95,795.80
This Change Order	(49,958.93)
Revised Contract Amount	<u>\$4,796,505.21</u>

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	181.	
This Change Order	49.	
Revised Contract Time	<u>410.</u>	Cal. Days

Construction Start Date: July 20, 2021  
Contract Completion Date: September 2, 2022

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.


Owner: **City of Grand Junction**

Prepared by:   
Lee Cooper, Project Engineer

Date: 10/21/2022

Recommended by:   
Ken Haley, City Engineering Manager

Date: 10/21/2022

Approved by:   
Trent Prall, Director of Public Works

Date: 10/21/22

Contractor: **Con-Sy Inc.**

Signature: 

Date: 10/21/2022

Name and Title: Thomas Lee Owner/President

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ 55.00	\$ 1,650.00	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ 45.00	\$ 73,800.00	1640	Lin. Ft.	\$ 45.00	\$ 73,800.00	
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ 88.00	\$ 18,920.00	215	Lin. Ft.	\$ 88.00	\$ 18,920.00	
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ 78.00	\$ 1,560.00	20	Lin. Ft.	\$ 78.00	\$ 1,560.00	
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ 80.00	\$ 29,600.00	370	Lin. Ft.	\$ 80.00	\$ 29,600.00	
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ 45.00	\$ 4,815.00	107	Lin. Ft.	\$ 45.00	\$ 4,815.00	
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ 55.00	\$ 5,555.00	101	Lin. Ft.	\$ 55.00	\$ 5,555.00	
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ 66.00	\$ 24,090.00	365	Lin. Ft.	\$ 66.00	\$ 24,090.00	
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ 2,122.00	\$ 2,122.00	1	Each	\$ 2,122.00	\$ 2,122.00	
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ 25.00	\$ 62,500.00	10071.08	Ton	\$ 25.00	\$ 251,777.00	\$ 189,277.00
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ 1,651.00	\$ 1,651.00	1	Each	\$ 1,651.00	\$ 1,651.00	
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 2,331.00	\$ 2,331.00	1	Each	\$ 2,331.00	\$ 2,331.00	
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 3,518.00	\$ 7,036.00	2	Each	\$ 3,518.00	\$ 7,036.00	

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14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2	Each	\$ 554.00	\$ 1,108.00	2	Each	\$ 554.00	\$ 1,108.00	
15	108.3	Tee (8" x 6") (MJ x FL)	1	Each	\$ 724.00	\$ 724.00	1	Each	\$ 724.00	\$ 724.00	
16	108.3	Tee (10" x 8") (FL)	1	Each	\$ 1,447.00	\$ 1,447.00	1	Each	\$ 1,447.00	\$ 1,447.00	
17	108.3	Elbow (8" x 45 deg) (MJ)	8	Each	\$ 440.00	\$ 3,520.00	8	Each	\$ 440.00	\$ 3,520.00	
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1	Each	\$ 365.00	\$ 365.00	1	Each	\$ 365.00	\$ 365.00	\$ (365.00)
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1	Each	\$ 1,133.00	\$ 1,133.00	1	Each	\$ 1,133.00	\$ 1,133.00	
20	108.3	Fire Hydrant Assembly	1	Each	\$ 4,179.00	\$ 4,179.00	1	Each	\$ 4,179.00	\$ 4,179.00	
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	
22	108.4	Tapping Saddle (8" x 3/4")	3	Each	\$ 315.00	\$ 945.00	3	Each	\$ 315.00	\$ 945.00	
23	108.4	Corporation Stop (3/4")	3	Each	\$ 80.00	\$ 240.00	3	Each	\$ 80.00	\$ 240.00	
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 857.00	\$ 1,714.00	2	Each	\$ 857.00	\$ 1,714.00	

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27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 4,603.00	\$ 9,206.00	2	Each	\$ 4,603.00	\$ 9,206.00	
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2	Each	\$ 5,563.00	\$ 11,126.00	2	Each	\$ 5,563.00	\$ 11,126.00	
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1	Each	\$ 7,063.00	\$ 7,063.00	1	Each	\$ 7,063.00	\$ 7,063.00	
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1	Each	\$ 22,000.00	\$ 22,000.00	1	Each	\$ 22,000.00	\$ 22,000.00	
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1	Each	\$ 3,480.00	\$ 3,480.00	1	Each	\$ 3,480.00	\$ 3,480.00	
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4	Each	\$ 3,400.00	\$ 13,600.00	4	Each	\$ 3,400.00	\$ 13,600.00	
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	

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36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2	Each	\$ 4,800.00	\$ 9,600.00	2	Each	\$ 4,800.00	\$ 9,600.00	
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600	Ton	\$ 37.00	\$ 22,200.00	503.56	Ton	\$ 37.00	\$ 18,631.72	\$ (3,568.28)
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	
39	202	Removal of Bridge	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	
40	202	Removal of Sign	3	Each	\$ 50.00	\$ 150.00	3	Each	\$ 50.00	\$ 150.00	
41	202	Removal of Steel Posts	14	Each	\$ 25.00	\$ 350.00	14	Each	\$ 25.00	\$ 350.00	
42	202	Removal of Manhole (Storm & Sewer)	3	Each	\$ 300.00	\$ 900.00	3	Each	\$ 300.00	\$ 900.00	
43	202	Removal of Storm Inlet	1	Each	\$ 400.00	\$ 400.00	1	Each	\$ 400.00	\$ 400.00	
44	202	Removal of Concrete Irrigation Ditch	2,150	Lin. Ft.	\$ 3.50	\$ 7,525.00	2150	Lin. Ft.	\$ 3.50	\$ 7,525.00	
45	202	Removal of Water Service	1	Each	\$ 760.00	\$ 760.00	1	Each	\$ 760.00	\$ 760.00	
46	202	Removal of Water Valve	2	Each	\$ 100.00	\$ 200.00	1	Each	\$ 100.00	\$ 100.00	\$ (100.00)
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100	Lin. Ft.	\$ 9.00	\$ 9,900.00	1100	Lin. Ft.	\$ 9.00	\$ 9,900.00	
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000	Lin. Ft.	\$ 20.00	\$ 20,000.00	1000	Lin. Ft.	\$ 20.00	\$ 20,000.00	
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	

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50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6	Each	\$ 50.00	\$ 300.00	4	Each	\$ 50.00	\$ 200.00	\$ (100.00)
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515	Sq. Yd.	\$ 5.00	\$ 12,575.00	2440	Sq. Yd.	\$ 5.00	\$ 12,200.00	\$ (375.00)
52	202	Removal of Fence	1,300	Lin. Ft.	\$ 2.50	\$ 3,250.00	1300	Lin. Ft.	\$ 2.50	\$ 3,250.00	
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3	Each	\$ 500.00	\$ 1,500.00	2	Each	\$ 500.00	\$ 1,000.00	\$ (500.00)
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500	Cu. Yd.	\$ 10.50	\$ 26,250.00	2500	Cu. Yd.	\$ 10.50	\$ 26,250.00	
55	203	Muck Excavation (North Leach Creek)	3,250	Cu. Yd.	\$ 13.50	\$ 43,875.00	3250	Cu. Yd.	\$ 13.50	\$ 43,875.00	
56	203	Compaction (AASHTO T 99)	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	
57	203	Potholing (As deemed necessary)	10	Each	\$ 500.00	\$ 5,000.00	14	Each	\$ 500.00	\$ 7,000.00	\$ 2,000.00
58	206	Structure Excavation	6,828	Cu. Yd.	\$ 13.50	\$ 92,178.00	8389.43	Cu. Yd.	\$ 13.50	\$ 113,257.31	\$ 21,079.31
59	206	Structure Backfill (Class 1)	3,364	Cu. Yd.	\$ 32.00	\$ 107,648.00	2108.39	Cu. Yd.	\$ 32.00	\$ 67,468.48	\$ (40,179.52)
60	206	Structure Backfill (Class 2)	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	161	Cu. Yd.	\$ 35.00	\$ 5,635.00	\$ (2,625.00)
61	206	Structure Backfill (Flow-Fill)	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	2.5	Cu. Yd.	\$ 156.00	\$ 390.00	\$ (7,410.00)
62	206	Mechanical Reinforcement of Soil	2,991	Cu. Yd.	\$ 37.00	\$ 110,667.00	2991	Cu. Yd.	\$ 37.00	\$ 110,667.00	
63	206	Filter Material (Class B)	68	Cu. Yd.	\$ 56.00	\$ 3,808.00		Cu. Yd.	\$ 56.00		\$ (3,808.00)
64	206	Filter Material (Class C)	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	147	Cu. Yd.	\$ 65.00	\$ 9,555.00	\$ (1,755.00)
65	207	Topsoil	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	
66	207	Stockpile Topsoil	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	
67	207	Wetland Topsoil (North Leach Creek)	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	
68	208	Pre-Fabricated Concrete Washout Structure	1	Each	\$ 3,500.00	\$ 3,500.00	1	Each	\$ 3,500.00	\$ 3,500.00	
69	208	Erosion Log (12 Inch)	1,000	Lin. Ft.	\$ 3.50	\$ 3,500.00	1355	Lin. Ft.	\$ 3.50	\$ 4,742.50	\$ 1,242.50

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70	208	Pre-Fabricated Vehicle Tracking Pad	1	Each	\$ 20,000.00	\$ 20,000.00	1	Each	\$ 20,000.00	\$ 20,000.00	
71	208	Storm Drain Inlet Protection (Type 2)	5	Each	\$ 150.00	\$ 750.00	5	Each	\$ 150.00	\$ 750.00	
72	208	Erosion Control Management (Working Days)	130	Day	\$ 150.00	\$ 19,500.00	130	Day	\$ 150.00	\$ 19,500.00	
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10		Acre	\$ 9,581.00		\$ (958.10)
75	212	Sod (Includes Soil Preparation)	1,750	Sq. Ft.	\$ 0.98	\$ 1,715.00	1750	Sq. Ft.	\$ 0.98	\$ 1,715.00	
76	212	Soil Amendment	17,050	Sq. Ft.	\$ 0.26	\$ 4,433.00	2500	Sq. Ft.	\$ 0.26	\$ 650.00	\$ (3,783.00)
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400	Sq. Ft.	\$ 1.13	\$ 16,272.00	14400	Sq. Ft.	\$ 1.13	\$ 16,272.00	
78	213	Red Crushed Granite (3" Thick)	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	
79	213	Concrete Edger (6" Wide x 4" Thick)	125	Lin. Ft.	\$ 6.33	\$ 791.25	125	Lin. Ft.	\$ 6.33	\$ 791.25	
80	213	Landscape Boulder	29	Each	\$ 160.00	\$ 4,640.00	29	Each	\$ 160.00	\$ 4,640.00	
81	214	Temporary Irrigation	1	Lump Sum	\$ 550.00	\$ 550.00	1	Lump Sum	\$ 550.00	\$ 550.00	
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14	Each	\$ 65.00	\$ 910.00	14	Each	\$ 65.00	\$ 910.00	
83	214	Deciduous Tree (2 Inch Caliper)	9	Each	\$ 521.00	\$ 4,689.00	9	Each	\$ 521.00	\$ 4,689.00	
84	214	Deciduous Shrub (1 Gallon Container)	17	Each	\$ 18.00	\$ 306.00	17	Each	\$ 18.00	\$ 306.00	
85	214	Deciduous Shrub (5 Gallon Container)	92	Each	\$ 60.00	\$ 5,520.00	92	Each	\$ 60.00	\$ 5,520.00	
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50	Each	\$ 60.00	\$ 3,000.00	50	Each	\$ 60.00	\$ 3,000.00	

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87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00	Each	\$ 2.75			\$ (1,760.00)
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00	Each	\$ 8.90			\$ (15,130.00)
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00	4 Each	\$ 704.00	\$ 2,816.00		
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00	4 Each	\$ 495.00	\$ 1,980.00		
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50	18 Each	\$ 109.75	\$ 1,975.50		
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00	76 Each	\$ 18.00	\$ 1,368.00		
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00	25 Each	\$ 18.00	\$ 450.00		
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75	Each	\$ 18.25			\$ (54.75)
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40	210 Sq. Yd.	\$ 2.04	\$ 428.40		
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00	Cu. Yd.	\$ 27.25			\$ (105,294.00)
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ 39.00	\$ 13,845.00	355 Sq. Yd.	\$ 39.00	\$ 13,845.00		
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ 17.50	\$ 37,800.00	2160 Sq. Yd.	\$ 17.50	\$ 37,800.00		
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ 40.00	\$ 5,640.00	141 Sq. Yd.	\$ 40.00	\$ 5,640.00		
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ 42.00	\$ 69,552.00	Cu. Yd.	\$ 42.00			\$ (69,552.00)
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ 60.00	\$ 48,000.00	800 Sq. Yd.	\$ 60.00	\$ 48,000.00		



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---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ 28.50	\$ 64,125.00	250	Sq. Yd.	\$ 28.50	\$ 7,125.00	\$ (57,000.00)
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ 77.00	\$ 11,550.00	150	Sq. Yd.	\$ 77.00	\$ 11,550.00	
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ 75.00	\$ 7,500.00		Sq. Yd.	\$ 75.00		\$ (7,500.00)
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ 4.50	\$ 1,215.00		Gallon	\$ 4.50		\$ (1,215.00)
106	408	Link Seal	4.	Each	\$ 43.00	\$ 172.00	4	Each	\$ 43.00	\$ 172.00	
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ 3.50	\$ 2,138.50		Sq. Yd.	\$ 3.50		\$ (2,138.50)
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ 2.50	\$ 17,835.00		Sq. Yd.	\$ 2.50		\$ (17,835.00)
109	502	Pile Tip	91.	Each	\$ 172.50	\$ 15,697.50	91	Each	\$ 172.50	\$ 15,697.50	
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ 86.00	\$ 415,552.00	5108.67	Lin. Ft.	\$ 86.00	\$ 439,345.62	\$ 23,793.62
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	452	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ 85.00	\$ 30,175.00	355	Cu. Yd.	\$ 85.00	\$ 30,175.00	
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ 88.00	\$ 10,824.00	123	Cu. Yd.	\$ 88.00	\$ 10,824.00	
114	509	Sump Access Hatch	1.	Each	\$ 3,107.00	\$ 3,107.00	1	Each	\$ 3,107.00	\$ 3,107.00	
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ 416.00	\$ 1,248.00		Each	\$ 416.00		\$ (1,248.00)

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	
118	515	Waterproofing (Membrane)	617	Sq. Yd.	\$ 28.00	\$ 17,276.00		Sq. Yd.	\$ 28.00		\$ (17,276.00)
119	517	Waterproofing (Asphalt)	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	
120	518	Waterstop (Special)	710	Lin. Ft.	\$ 21.00	\$ 14,910.00	20	Lin. Ft.	\$ 21.00	\$ 420.00	\$ (14,490.00)
121	518	Waterstop (6 Inch)	149	Lin. Ft.	\$ 27.00	\$ 4,023.00	963	Lin. Ft.	\$ 27.00	\$ 26,001.00	\$ 21,978.00
122	601	Sump Access Precast Riser	1	Each	\$ 2,500.00	\$ 2,500.00	1	Each	\$ 2,500.00	\$ 2,500.00	
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537	Cu. Yd.	\$ 950.00	\$ 510,150.00	600.5	Cu. Yd.	\$ 950.00	\$ 570,475.00	\$ 60,325.00
124	601	Concrete Class D (Bridge)	305	Cu. Yd.	\$ 850.00	\$ 259,250.00	337	Cu. Yd.	\$ 850.00	\$ 286,450.00	\$ 27,200.00
125	601	Structural Concrete Coating	6,748	Sq. Ft.	\$ 2.75	\$ 18,557.00	6748	Sq. Ft.	\$ 2.75	\$ 18,557.00	
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748	Sq. Ft.	\$ 3.00	\$ 20,244.00		Sq. Ft.	\$ 3.00		\$ (20,244.00)
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12	Each	\$ 200.00	\$ 2,400.00	12	Each	\$ 200.00	\$ 2,400.00	
128	602	Reinforcing Steel	86,639	Pound	\$ 2.00	\$ 173,278.00	118952	Pound	\$ 2.00	\$ 237,904.00	\$ 64,626.00
129	602	Reinforcing Steel (Epoxy Coated)	48,974	Pound	\$ 2.50	\$ 122,435.00	51108	Pound	\$ 2.50	\$ 127,770.00	\$ 5,335.00
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1	Each	\$ 100.00	\$ 100.00	1	Each	\$ 100.00	\$ 100.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975	Lin. Ft.	\$ 7.00	\$ 6,825.00	975	Lin. Ft.	\$ 7.00	\$ 6,825.00	
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5	Each	\$ 200.00	\$ 1,000.00	5	Each	\$ 200.00	\$ 1,000.00	
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3	Each	\$ 700.00	\$ 2,100.00	3	Each	\$ 700.00	\$ 2,100.00	
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8	Sq. Yd.	\$ 65.00	\$ 520.00	55	Sq. Yd.	\$ 65.00	\$ 3,575.00	\$ 3,055.00
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	
142	613	2 Inch Electrical Conduit (Plastic)	1,318	Lin. Ft.	\$ 2.20	\$ 2,899.60	1318	Lin. Ft.	\$ 2.20	\$ 2,899.60	
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ 8.80	\$ 3,115.20	354	Lin. Ft.	\$ 8.80	\$ 3,115.20	
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ 11.00	\$ 110.00	10	Lin. Ft.	\$ 11.00	\$ 110.00	
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ 389.50	\$ 1,558.00	4	Each	\$ 389.50	\$ 1,558.00	
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ 104.50	\$ 418.00	4	Each	\$ 104.50	\$ 418.00	
148	613	Type One Pull Box	22.	Each	\$ 924.00	\$ 20,328.00	22	Each	\$ 924.00	\$ 20,328.00	
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ 1,959.00	\$ 1,959.00	1	Each	\$ 1,959.00	\$ 1,959.00	
150	613	Wiring	1.	Lump Sum	\$ 33,058.00	\$ 33,058.00	1	Lump Sum	\$ 33,058.00	\$ 33,058.00	
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ 3,946.00	\$ 55,244.00	14	Each	\$ 3,946.00	\$ 55,244.00	
152	613	Light Standard Foundation (Special)	14.	Each	\$ 2,152.00	\$ 30,128.00	14	Each	\$ 2,152.00	\$ 30,128.00	
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ 71,809.00	\$ 71,809.00	1	Each	\$ 71,809.00	\$ 71,809.00	
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00	1	Each	\$ 850.00	\$ 850.00	
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00	4779	Sq. Ft.	\$ 94.00	\$ 449,226.00	
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00	14	Lin. Ft.	\$ 99.00	\$ 1,386.00	
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00	50	Lin. Ft.	\$ 89.00	\$ 4,450.00	
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00	2	Each	\$ 275.00	\$ 550.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8	Each	\$ 153.00	\$ 1,224.00	8	Each	\$ 153.00	\$ 1,224.00	
160	620	Portable Sanitary Facility	1	Each	\$ 4,000.00	\$ 4,000.00	1	Each	\$ 4,000.00	\$ 4,000.00	
161	623	4 Inch PVC Irrigation Sleeve	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	
162	623	1-1/2 Inch Irrigation Sleeve	107	Lin. Ft.	\$ 3.85	\$ 411.95	230	Lin. Ft.	\$ 3.85	\$ 885.50	\$ 473.55
163	623	Power Source Wire	25	Lin. Ft.	\$ 5.50	\$ 137.50	25	Lin. Ft.	\$ 5.50	\$ 137.50	
164	623	Irrigation Controller	1	Each	\$ 6,455.00	\$ 6,455.00	1	Each	\$ 6,455.00	\$ 6,455.00	
165 [3]	623	3 Inch HDPE Mainline						Lin. Ft.	\$ 17.35		
166	623	Manual Drain Valve	1	Each	\$ 332.00	\$ 332.00	1	Each	\$ 332.00	\$ 332.00	
167	623	3/4 Inch Quick Coupler Valve	2	Each	\$ 398.50	\$ 797.00	2	Each	\$ 398.50	\$ 797.00	
168	623	1 inch Automatic Control Valve	1	Each	\$ 697.90	\$ 697.90	1	Each	\$ 697.90	\$ 697.90	
169	623	1-1/2 Inch Automatic Control Valve	2	Each	\$ 778.00	\$ 1,556.00	2	Each	\$ 778.00	\$ 1,556.00	
170	623	2-wire Control Wire	325	Lin. Ft.	\$ 0.83	\$ 269.75	325	Lin. Ft.	\$ 0.83	\$ 269.75	
171	623	2-wire Control (Includes Decoders & Valve)	1	Lump Sum	\$ 713.00	\$ 713.00	1	Lump Sum	\$ 713.00	\$ 713.00	
172	623	Grounding LSLP Surge Protector	1	Each	\$ 411.00	\$ 411.00	1	Each	\$ 411.00	\$ 411.00	
173	623	Jumbo Valve Box	2	Each	\$ 81.00	\$ 162.00	2	Each	\$ 81.00	\$ 162.00	
174	623	Isolation Valves	2	Each	\$ 1,758.00	\$ 3,516.00	2	Each	\$ 1,758.00	\$ 3,516.00	
175	623	1 inch PVC Lateral Pipe	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	
176	623	1-1/2 Inch PVC Lateral Pipe	155	Lin. Ft.	\$ 3.15	\$ 488.25	155	Lin. Ft.	\$ 3.15	\$ 488.25	
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10	Each	\$ 30.00	\$ 300.00	10	Each	\$ 30.00	\$ 300.00	
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8	Each	\$ 17.90	\$ 143.20	8	Each	\$ 17.90	\$ 143.20	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ 1.25	\$ 2,661.25	2129	Lin. Ft.	\$ 1.25	\$ 2,661.25	
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ 0.83	\$ 506.30	610	Each	\$ 0.83	\$ 506.30	
181	623	Tree Ring Assembly	18.	Each	\$ 58.38	\$ 1,050.84	18	Each	\$ 58.38	\$ 1,050.84	
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ 62.00	\$ 310.00	5	Each	\$ 62.00	\$ 310.00	
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ 660.00	\$ 660.00	1	Lump Sum	\$ 660.00	\$ 660.00	
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ 8.75	\$ 1,330.00	152	Lin. Ft.	\$ 8.75	\$ 1,330.00	
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ 10.00	\$ 200.00	20	Lin. Ft.	\$ 10.00	\$ 200.00	
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ 8.00	\$ 1,600.00	200	Lin. Ft.	\$ 8.00	\$ 1,600.00	
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	1	Lump Sum	\$ 45,000.00	\$ 45,000.00	
188	626	Mobilization	1.	Lump Sum	\$ 300,000.00	\$ 300,000.00	1	Lump Sum	\$ 300,000.00	\$ 300,000.00	
189	627	Epoxy Pavement Marking	6.	Gallon	\$ 688.00	\$ 4,128.00	6	Gallon	\$ 688.00	\$ 4,128.00	
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00	160	Sq. Ft.	\$ 33.00	\$ 5,280.00	
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00	45	Sq. Ft.	\$ 27.50	\$ 1,237.50	\$ (6,132.50)
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00	0.5	Each	\$ 3,000.00	\$ 1,500.00	\$ (1,500.00)
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00	1	Lump Sum	\$ 138.00	\$ 138.00	
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00	1	Lump Sum	\$ 44,220.00	\$ 44,220.00	
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00	40	Day	\$ 110.00	\$ 4,400.00	\$ (5,500.00)
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00	550	Hour	\$ 27.50	\$ 15,125.00	\$ (6,875.00)

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00	1	Lump Sum	\$ 6,358.00	\$ 6,358.00	
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00	1	Each	\$ 200.00	\$ 200.00	
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00	1	Lump Sum	\$ 25,000.00	\$ 25,000.00	
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00	1030	Lin. Ft.	\$ 10.00	\$ 10,300.00	
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00	510	Lin. Ft.	\$ 9.00	\$ 4,590.00	
202	SP	F/A Furnish & Install Electrical Service (Do not add to total bid amount) (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	\$ 12,000.00	-----	Force Account	\$ 12,000.00	\$ 12,000.00	
203	SP	F/A Sprinklers (At Golden Gate Gas Station) (Do not add to total bid amount) (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	\$ 5,000.00	-----	Force Account	\$ 5,000.00	\$ 5,000.00	
204		Change Order No. 1									
CO-1		Cold-Weather Concrete Curing per Work Change Request #5	38.	Day	\$ 2,500.00	\$ 95,000.00	19	Day	\$ 2,500.00	\$ 47,500.00	\$ (47,500.00)
-		Change Order No. 3									
CO-3	623	4 Inch HDPE Mainline	460.	Lin. Ft.	\$ 19.08	\$ 8,776.80	460	Lin. Ft.	\$ 19.08	\$ 8,776.80	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 5**

October 21, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
MCR		Minor Contract Revisions	---	---	\$ 150,000.00	\$ 150,000.00	---	---	\$ 145,927.74	\$ 145,927.74	\$ (4,072.26)
TOTALS:						\$ 4,846,464.14			\$ 4,799,005.21		\$ (47,458.93)

[x] - See Change Order No. "x"



**CHANGE ORDER****Number 5**

Date: August 12, 2022  
 To: Con-Sy Inc.  
 From: City of Grand Junction, Department of Public Works and Utilities  
 Project: **G Road Bridge Replacement Project**  
 P.O.: **2021-00000342**

It is agreed to modify the Contract for the Project as follows:

Change Order #5 includes adding 49 calendar days to the Contract construction schedule due to the conflict with the 6" IP gas line and the 2" gas line and for Work Change Requests issued to Con-Sy for additional work. In addition, Change Order #5 deducts \$43,525.86 from the Contract Amount due to quantity reductions in certain contract line items.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	95,795.80
This Change Order	<u>(43,525.86)</u>
Revised Contract Amount	\$4,802,938.28

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	181.	
This Change Order	<u>49.</u>	
Revised Contract Time	410.	Cal. Days

Construction Start Date: July 20, 2021  
 Contract Completion Date: September 2, 2022

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

Owner: **City of Grand Junction**

Prepared by:

DocuSigned by:  
*Lee Cooper - Project Engineer, City of Grand Junction*  
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Date: 8/16/2022

Lee Cooper, Project Engineer

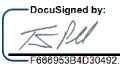
Recommended by:

DocuSigned by:  
*Kenneth Haley, Engineering Manager, Public Works, City of Grand Junction*  
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Date: 8/16/2022

Ken Haley, City Engineering Manager

Approved by:

DocuSigned by:  
  
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Date: 8/16/2022

Trent Prall, Director of Public Works

Contractor:

**Con-Sy Inc.**

Signature:

DocuSigned by:  
*Thomas Lee - Owner/President, Con-Sy, Inc.*  
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Date: 8/16/2022

Name and Title:

Thomas Lee - Owner/President, Con-Sy, Inc. ~~Owner/President Con-Sy Inc~~



## *Memorandum*

**TO:** Trent Prall, Ken Haley, Duane Hoff  
**FROM:** Lee Cooper, Project Engineer  
**DATE:** August 12, 2022  
**PROJECT:** G Road Bridge Replacement Project  
**SUBJECT:** Change Order #5

---

Change Order #5 is to increase the contract time for both Substantial Completion and Final Completion as requested by Con-Sy, Inc. (Contractor), per the Contractor's construction schedule submitted to the City on July 22, 2022; and also to adjust the Contract dollar amount. Con-Sy's most current construction schedule is attached and Con-Sy shows a September 3, 2022 completion date.

Since the Change Order #4 contract time extension, there was a conflict discovered between the existing 6" I.P. gas line and the proposed new channel alignment for North Leach Creek. This conflict was officially discovered on May 27, 2022 using hydraulic excavation methods to expose the gas line. This conflict required Xcel Energy and their subcontractor, Site-Wise, to again relocate the 6" I.P. gas line. At the same time, Xcel Energy decided to again relocate the new 2" gas line because Xcel Energy had no way of accurately locating the 2" gas line in the vicinity of the new creek channel. Xcel Energy and Site-Wise were able to abandon the 6" I.P. gas line and get the newly relocated 2" gas line active on July 6, 2022, which allowed Con-Sy to start excavation on the new creek channel. The delay caused by the gas line work resulted in 41 calendar days since discovery of the conflict and the time Con-Sy could begin channel excavation.

I propose for the City to approve a new final completion date of Friday, September 2, 2022. This new completion date extends the contract time another 49 calendar days. This extension includes the 41 calendar days for the delay caused by the gas line relocations, and also includes, additional days for added work that I requested Con-Sy complete to help make the project more complete and for items I thought needed to be done to provide a more complete end product.

To achieve Substantial Completion, bridge construction shall be 100% complete and accepted by the City with G Road open to traffic. Substantial completion shall be achieved no later than August 12, 2022 (this portion adds 43 calendar days to the contract).

Final Completion, as defined by the contract documents, shall be achieved no later than September 2, 2022. This portion adds 21 calendar days to the project, beyond the August 12, 2022 Substantial Completion date. The contract completion date of September 2, 2022 will not be extended, unless a Force Majeure event beyond the City's and Contractor's control occurs that requires a contract extension.

The contract Liquidated Damages, as approved in Change Order #4, remain the same and are as follows:

- Substantial Completion Liquidated Damages shall be incurred at a rate of \$1,000 per day, which shall take effect on August 13, 2022 if the Contractor fails to meet the August 12, 2022 deadline for Substantial Completion. The Substantial Completion liquidated damages shall continue until such time that Substantial Completion is achieved and accepted by the City.
- Final Completion Liquidated Damages shall be incurred at a rate of \$500 per day, which shall take effect on September 3, 2022 if the Contractor fails to meet the September 2, 2022 deadline for Final Completion. The Final Completion liquidated damages shall continue until such time that Final Completion is achieved and accepted by the City.

Note: Final Completion Liquidated Damages are not in lieu of Substantial Completion Liquidated Damages, but rather are in addition to, should both deadlines not be met by the Contractor.

Change Order #5 includes decreasing the Contract Amount by \$43,525.86 as a result of reductions in quantities on certain contract line items. The attached change order has been highlighted to show line items that have experienced overages, as well as, line items that have experienced reductions in quantities. Due to the soft soils, the Project had a very large overrun on the Imported Trench Backfill Material (Class 3) line items. Other line items that had a substantial overrun on quantities include Structure Excavation, Steel H-Piling, Structural Concrete, and Reinforcing Steel. However, the cost reductions in certain contract line items resulted in a net decrease to the Contract amount.

Lastly, right now it appears there will be about \$15,000 left over in the Minor Contract Revision once this Project is complete.

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342  
Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ 55.00	\$ 1,650.00	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ 45.00	\$ 73,800.00	1640	Lin. Ft.	\$ 45.00	\$ 73,800.00	
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ 88.00	\$ 18,920.00	215	Lin. Ft.	\$ 88.00	\$ 18,920.00	
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ 78.00	\$ 1,560.00	20	Lin. Ft.	\$ 78.00	\$ 1,560.00	
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ 80.00	\$ 29,600.00	370	Lin. Ft.	\$ 80.00	\$ 29,600.00	
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ 45.00	\$ 4,815.00	107	Lin. Ft.	\$ 45.00	\$ 4,815.00	
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ 55.00	\$ 5,555.00	101	Lin. Ft.	\$ 55.00	\$ 5,555.00	
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ 66.00	\$ 24,090.00	365	Lin. Ft.	\$ 66.00	\$ 24,090.00	
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ 2,122.00	\$ 2,122.00	1	Each	\$ 2,122.00	\$ 2,122.00	
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ 25.00	\$ 62,500.00	9600	Ton	\$ 25.00	\$ 240,000.00	\$ 177,500.00
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ 1,651.00	\$ 1,651.00	1	Each	\$ 1,651.00	\$ 1,651.00	
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 2,331.00	\$ 2,331.00	1	Each	\$ 2,331.00	\$ 2,331.00	
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 3,518.00	\$ 7,036.00	2	Each	\$ 3,518.00	\$ 7,036.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2	Each	\$ 554.00	\$ 1,108.00	2	Each	\$ 554.00	\$ 1,108.00	
15	108.3	Tee (8" x 6") (MJ x FL)	1	Each	\$ 724.00	\$ 724.00	1	Each	\$ 724.00	\$ 724.00	
16	108.3	Tee (10" x 8") (FL)	1	Each	\$ 1,447.00	\$ 1,447.00	1	Each	\$ 1,447.00	\$ 1,447.00	
17	108.3	Elbow (8" x 45 deg) (MJ)	8	Each	\$ 440.00	\$ 3,520.00	8	Each	\$ 440.00	\$ 3,520.00	
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1	Each	\$ 365.00	\$ 365.00	1	Each	\$ 365.00	\$ 365.00	\$ (365.00)
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1	Each	\$ 1,133.00	\$ 1,133.00	1	Each	\$ 1,133.00	\$ 1,133.00	
20	108.3	Fire Hydrant Assembly	1	Each	\$ 4,179.00	\$ 4,179.00	1	Each	\$ 4,179.00	\$ 4,179.00	
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	
22	108.4	Tapping Saddle (8" x 3/4")	3	Each	\$ 315.00	\$ 945.00	3	Each	\$ 315.00	\$ 945.00	
23	108.4	Corporation Stop (3/4")	3	Each	\$ 80.00	\$ 240.00	3	Each	\$ 80.00	\$ 240.00	
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 857.00	\$ 1,714.00	2	Each	\$ 857.00	\$ 1,714.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 4,603.00	\$ 9,206.00	2	Each	\$ 4,603.00	\$ 9,206.00	
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2	Each	\$ 5,563.00	\$ 11,126.00	2	Each	\$ 5,563.00	\$ 11,126.00	
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1	Each	\$ 7,063.00	\$ 7,063.00	1	Each	\$ 7,063.00	\$ 7,063.00	
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1	Each	\$ 22,000.00	\$ 22,000.00	1	Each	\$ 22,000.00	\$ 22,000.00	
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1	Each	\$ 3,480.00	\$ 3,480.00	1	Each	\$ 3,480.00	\$ 3,480.00	
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4	Each	\$ 3,400.00	\$ 13,600.00	4	Each	\$ 3,400.00	\$ 13,600.00	
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2	Each	\$ 4,800.00	\$ 9,600.00	2	Each	\$ 4,800.00	\$ 9,600.00	
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600	Ton	\$ 37.00	\$ 22,200.00	503.56	Ton	\$ 37.00	\$ 18,631.72	\$ (3,568.28)
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	
39	202	Removal of Bridge	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	
40	202	Removal of Sign	3	Each	\$ 50.00	\$ 150.00	3	Each	\$ 50.00	\$ 150.00	
41	202	Removal of Steel Posts	14	Each	\$ 25.00	\$ 350.00	14	Each	\$ 25.00	\$ 350.00	
42	202	Removal of Manhole (Storm & Sewer)	3	Each	\$ 300.00	\$ 900.00	3	Each	\$ 300.00	\$ 900.00	
43	202	Removal of Storm Inlet	1	Each	\$ 400.00	\$ 400.00	1	Each	\$ 400.00	\$ 400.00	
44	202	Removal of Concrete Irrigation Ditch	2,150	Lin. Ft.	\$ 3.50	\$ 7,525.00	2150	Lin. Ft.	\$ 3.50	\$ 7,525.00	
45	202	Removal of Water Service	1	Each	\$ 760.00	\$ 760.00	1	Each	\$ 760.00	\$ 760.00	
46	202	Removal of Water Valve	2	Each	\$ 100.00	\$ 200.00	1	Each	\$ 100.00	\$ 100.00	\$ (100.00)
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100	Lin. Ft.	\$ 9.00	\$ 9,900.00	1100	Lin. Ft.	\$ 9.00	\$ 9,900.00	
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000	Lin. Ft.	\$ 20.00	\$ 20,000.00	1000	Lin. Ft.	\$ 20.00	\$ 20,000.00	
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6	Each	\$ 50.00	\$ 300.00	6	Each	\$ 50.00	\$ 300.00	
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515	Sq. Yd.	\$ 5.00	\$ 12,575.00	2515	Sq. Yd.	\$ 5.00	\$ 12,575.00	
52	202	Removal of Fence	1,300	Lin. Ft.	\$ 2.50	\$ 3,250.00	1300	Lin. Ft.	\$ 2.50	\$ 3,250.00	
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3	Each	\$ 500.00	\$ 1,500.00	3	Each	\$ 500.00	\$ 1,500.00	
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500	Cu. Yd.	\$ 10.50	\$ 26,250.00	2500	Cu. Yd.	\$ 10.50	\$ 26,250.00	
55	203	Muck Excavation (North Leach Creek)	3,250	Cu. Yd.	\$ 13.50	\$ 43,875.00	3250	Cu. Yd.	\$ 13.50	\$ 43,875.00	
56	203	Compaction (AASHTO T 99)	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	
57	203	Potholing (As deemed necessary)	10	Each	\$ 500.00	\$ 5,000.00	14	Each	\$ 500.00	\$ 7,000.00	\$ 2,000.00
58	206	Structure Excavation	6,828	Cu. Yd.	\$ 13.50	\$ 92,178.00	8389	Cu. Yd.	\$ 13.50	\$ 113,251.50	\$ 21,073.50
59	206	Structure Backfill (Class 1)	3,364	Cu. Yd.	\$ 32.00	\$ 107,648.00	2108	Cu. Yd.	\$ 32.00	\$ 67,456.00	\$ (40,192.00)
60	206	Structure Backfill (Class 2)	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	161	Cu. Yd.	\$ 35.00	\$ 5,635.00	\$ (2,625.00)
61	206	Structure Backfill (Flow-Fill)	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	2.5	Cu. Yd.	\$ 156.00	\$ 390.00	\$ (7,410.00)
62	206	Mechanical Reinforcement of Soil	2,991	Cu. Yd.	\$ 37.00	\$ 110,667.00	2991	Cu. Yd.	\$ 37.00	\$ 110,667.00	
63	206	Filter Material (Class B)	68	Cu. Yd.	\$ 56.00	\$ 3,808.00		Cu. Yd.	\$ 56.00		\$ (3,808.00)
64	206	Filter Material (Class C)	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	147	Cu. Yd.	\$ 65.00	\$ 9,555.00	\$ (1,755.00)
65	207	Topsoil	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	
66	207	Stockpile Topsoil	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	
67	207	Wetland Topsoil (North Leach Creek)	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	
68	208	Pre-Fabricated Concrete Washout Structure	1	Each	\$ 3,500.00	\$ 3,500.00	1	Each	\$ 3,500.00	\$ 3,500.00	
69	208	Erosion Log (12 Inch)	1,000	Lin. Ft.	\$ 3.50	\$ 3,500.00	1000	Lin. Ft.	\$ 3.50	\$ 3,500.00	



**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
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August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
70	208	Pre-Fabricated Vehicle Tracking Pad	1	Each	\$ 20,000.00	\$ 20,000.00	1	Each	\$ 20,000.00	\$ 20,000.00	
71	208	Storm Drain Inlet Protection (Type 2)	5	Each	\$ 150.00	\$ 750.00	5	Each	\$ 150.00	\$ 750.00	
72	208	Erosion Control Management (Working Days)	130	Day	\$ 150.00	\$ 19,500.00	130	Day	\$ 150.00	\$ 19,500.00	
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10	0.1	Acre	\$ 9,581.00	\$ 958.10	
75	212	Sod (Includes Soil Preparation)	1,750	Sq. Ft.	\$ 0.98	\$ 1,715.00	1750	Sq. Ft.	\$ 0.98	\$ 1,715.00	
76	212	Soil Amendment	17,050	Sq. Ft.	\$ 0.26	\$ 4,433.00	17050	Sq. Ft.	\$ 0.26	\$ 4,433.00	
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400	Sq. Ft.	\$ 1.13	\$ 16,272.00	14400	Sq. Ft.	\$ 1.13	\$ 16,272.00	
78	213	Red Crushed Granite (3" Thick)	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	
79	213	Concrete Edger (6" Wide x 4" Thick)	125	Lin. Ft.	\$ 6.33	\$ 791.25	125	Lin. Ft.	\$ 6.33	\$ 791.25	
80	213	Landscape Boulder	29	Each	\$ 160.00	\$ 4,640.00	29	Each	\$ 160.00	\$ 4,640.00	
81	214	Temporary Irrigation	1	Lump Sum	\$ 550.00	\$ 550.00	1	Lump Sum	\$ 550.00	\$ 550.00	
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14	Each	\$ 65.00	\$ 910.00	14	Each	\$ 65.00	\$ 910.00	
83	214	Deciduous Tree (2 Inch Caliper)	9	Each	\$ 521.00	\$ 4,689.00	9	Each	\$ 521.00	\$ 4,689.00	
84	214	Deciduous Shrub (1 Gallon Container)	17	Each	\$ 18.00	\$ 306.00	17	Each	\$ 18.00	\$ 306.00	
85	214	Deciduous Shrub (5 Gallon Container)	92	Each	\$ 60.00	\$ 5,520.00	92	Each	\$ 60.00	\$ 5,520.00	
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50	Each	\$ 60.00	\$ 3,000.00	50	Each	\$ 60.00	\$ 3,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00	Each	\$ 2.75			\$ (1,760.00)
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00	Each	\$ 8.90			\$ (15,130.00)
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00	4 Each	\$ 704.00	\$ 2,816.00		
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00	4 Each	\$ 495.00	\$ 1,980.00		
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50	18 Each	\$ 109.75	\$ 1,975.50		
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00	76 Each	\$ 18.00	\$ 1,368.00		
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00	25 Each	\$ 18.00	\$ 450.00		
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75	Each	\$ 18.25			\$ (54.75)
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40	210 Sq. Yd.	\$ 2.04	\$ 428.40		
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00	Cu. Yd.	\$ 27.25			\$ (105,294.00)
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ 39.00	\$ 13,845.00	355 Sq. Yd.	\$ 39.00	\$ 13,845.00		
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ 17.50	\$ 37,800.00	2160 Sq. Yd.	\$ 17.50	\$ 37,800.00		
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ 40.00	\$ 5,640.00	141 Sq. Yd.	\$ 40.00	\$ 5,640.00		
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ 42.00	\$ 69,552.00	Cu. Yd.	\$ 42.00			\$ (69,552.00)
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ 60.00	\$ 48,000.00	800 Sq. Yd.	\$ 60.00	\$ 48,000.00		

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 5**

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ 28.50	\$ 64,125.00	250	Sq. Yd.	\$ 28.50	\$ 7,125.00	\$ (57,000.00)
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ 77.00	\$ 11,550.00	150	Sq. Yd.	\$ 77.00	\$ 11,550.00	
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ 75.00	\$ 7,500.00		Sq. Yd.	\$ 75.00		\$ (7,500.00)
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ 4.50	\$ 1,215.00		Gallon	\$ 4.50		\$ (1,215.00)
106	408	Link Seal	4.	Each	\$ 43.00	\$ 172.00	4	Each	\$ 43.00	\$ 172.00	
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ 3.50	\$ 2,138.50		Sq. Yd.	\$ 3.50		\$ (2,138.50)
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ 2.50	\$ 17,835.00		Sq. Yd.	\$ 2.50		\$ (17,835.00)
109	502	Pile Tip	91.	Each	\$ 172.50	\$ 15,697.50	91	Each	\$ 172.50	\$ 15,697.50	
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ 86.00	\$ 415,552.00	5108.67	Lin. Ft.	\$ 86.00	\$ 439,345.62	\$ 23,793.62
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	452	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ 85.00	\$ 30,175.00	355	Cu. Yd.	\$ 85.00	\$ 30,175.00	
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ 88.00	\$ 10,824.00	123	Cu. Yd.	\$ 88.00	\$ 10,824.00	
114	509	Sump Access Hatch	1.	Each	\$ 3,107.00	\$ 3,107.00	1	Each	\$ 3,107.00	\$ 3,107.00	
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ 416.00	\$ 1,248.00		Each	\$ 416.00		\$ (1,248.00)

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	
118	515	Waterproofing (Membrane)	617	Sq. Yd.	\$ 28.00	\$ 17,276.00		Sq. Yd.	\$ 28.00		\$ (17,276.00)
119	517	Waterproofing (Asphalt)	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	
120	518	Waterstop (Special)	710	Lin. Ft.	\$ 21.00	\$ 14,910.00	20	Lin. Ft.	\$ 21.00	\$ 420.00	\$ (14,490.00)
121	518	Waterstop (6 Inch)	149	Lin. Ft.	\$ 27.00	\$ 4,023.00	963	Lin. Ft.	\$ 27.00	\$ 26,001.00	\$ 21,978.00
122	601	Sump Access Precast Riser	1	Each	\$ 2,500.00	\$ 2,500.00	1	Each	\$ 2,500.00	\$ 2,500.00	
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537	Cu. Yd.	\$ 950.00	\$ 510,150.00	600.5	Cu. Yd.	\$ 950.00	\$ 570,475.00	\$ 60,325.00
124	601	Concrete Class D (Bridge)	305	Cu. Yd.	\$ 850.00	\$ 259,250.00	337	Cu. Yd.	\$ 850.00	\$ 286,450.00	\$ 27,200.00
125	601	Structural Concrete Coating	6,748	Sq. Ft.	\$ 2.75	\$ 18,557.00	6748	Sq. Ft.	\$ 2.75	\$ 18,557.00	
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748	Sq. Ft.	\$ 3.00	\$ 20,244.00		Sq. Ft.	\$ 3.00		\$ (20,244.00)
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12	Each	\$ 200.00	\$ 2,400.00	12	Each	\$ 200.00	\$ 2,400.00	
128	602	Reinforcing Steel	86,639	Pound	\$ 2.00	\$ 173,278.00	118952	Pound	\$ 2.00	\$ 237,904.00	\$ 64,626.00
129	602	Reinforcing Steel (Epoxy Coated)	48,974	Pound	\$ 2.50	\$ 122,435.00	51108	Pound	\$ 2.50	\$ 127,770.00	\$ 5,335.00
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1	Each	\$ 100.00	\$ 100.00	1	Each	\$ 100.00	\$ 100.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ 7.00	\$ 6,825.00	1125	Lin. Ft.	\$ 7.00	\$ 7,875.00	\$ 1,050.00
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ 4.00	\$ 1,900.00	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ 200.00	\$ 1,000.00	5	Each	\$ 200.00	\$ 1,000.00	
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ 31.00	\$ 16,213.00	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ 32.00	\$ 10,080.00	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ 700.00	\$ 2,100.00	3	Each	\$ 700.00	\$ 2,100.00	
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ 230.00	\$ 2,530.00	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ 65.00	\$ 520.00	55	Sq. Yd.	\$ 65.00	\$ 3,575.00	\$ 3,055.00
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ 35.00	\$ 1,400.00	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ 8.80	\$ 1,848.00	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ 2.20	\$ 2,899.60	1318	Lin. Ft.	\$ 2.20	\$ 2,899.60	
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ 11.00	\$ 3,047.00	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ 8.80	\$ 3,115.20	354	Lin. Ft.	\$ 8.80	\$ 3,115.20	
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ 11.00	\$ 110.00	10	Lin. Ft.	\$ 11.00	\$ 110.00	
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ 389.50	\$ 1,558.00	4	Each	\$ 389.50	\$ 1,558.00	
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ 104.50	\$ 418.00	4	Each	\$ 104.50	\$ 418.00	
148	613	Type One Pull Box	22.	Each	\$ 924.00	\$ 20,328.00	22	Each	\$ 924.00	\$ 20,328.00	
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ 1,959.00	\$ 1,959.00	1	Each	\$ 1,959.00	\$ 1,959.00	
150	613	Wiring	1.	Lump Sum	\$ 33,058.00	\$ 33,058.00	1	Lump Sum	\$ 33,058.00	\$ 33,058.00	
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ 3,946.00	\$ 55,244.00	14	Each	\$ 3,946.00	\$ 55,244.00	
152	613	Light Standard Foundation (Special)	14.	Each	\$ 2,152.00	\$ 30,128.00	14	Each	\$ 2,152.00	\$ 30,128.00	
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ 71,809.00	\$ 71,809.00	1	Each	\$ 71,809.00	\$ 71,809.00	
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00	1	Each	\$ 850.00	\$ 850.00	
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00	4779	Sq. Ft.	\$ 94.00	\$ 449,226.00	
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00	14	Lin. Ft.	\$ 99.00	\$ 1,386.00	
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00	50	Lin. Ft.	\$ 89.00	\$ 4,450.00	
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00	2	Each	\$ 275.00	\$ 550.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1,2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8	Each	\$ 153.00	\$ 1,224.00	8	Each	\$ 153.00	\$ 1,224.00	
160	620	Portable Sanitary Facility	1	Each	\$ 4,000.00	\$ 4,000.00	1	Each	\$ 4,000.00	\$ 4,000.00	
161	623	4 Inch PVC Irrigation Sleeve	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	
162	623	1-1/2 Inch Irrigation Sleeve	107	Lin. Ft.	\$ 3.85	\$ 411.95	230	Lin. Ft.	\$ 3.85	\$ 885.50	\$ 473.55
163	623	Power Source Wire	25	Lin. Ft.	\$ 5.50	\$ 137.50	25	Lin. Ft.	\$ 5.50	\$ 137.50	
164	623	Irrigation Controller	1	Each	\$ 6,455.00	\$ 6,455.00	1	Each	\$ 6,455.00	\$ 6,455.00	
165 [3]	623	3 Inch HDPE Mainline						Lin. Ft.	\$ 17.35		
166	623	Manual Drain Valve	1	Each	\$ 332.00	\$ 332.00	1	Each	\$ 332.00	\$ 332.00	
167	623	3/4 Inch Quick Coupler Valve	2	Each	\$ 398.50	\$ 797.00	2	Each	\$ 398.50	\$ 797.00	
168	623	1 inch Automatic Control Valve	1	Each	\$ 697.90	\$ 697.90	1	Each	\$ 697.90	\$ 697.90	
169	623	1-1/2 Inch Automatic Control Valve	2	Each	\$ 778.00	\$ 1,556.00	2	Each	\$ 778.00	\$ 1,556.00	
170	623	2-wire Control Wire	325	Lin. Ft.	\$ 0.83	\$ 269.75	325	Lin. Ft.	\$ 0.83	\$ 269.75	
171	623	2-wire Control (Includes Decoders & Valve)	1	Lump Sum	\$ 713.00	\$ 713.00	1	Lump Sum	\$ 713.00	\$ 713.00	
172	623	Grounding LSLP Surge Protector	1	Each	\$ 411.00	\$ 411.00	1	Each	\$ 411.00	\$ 411.00	
173	623	Jumbo Valve Box	2	Each	\$ 81.00	\$ 162.00	2	Each	\$ 81.00	\$ 162.00	
174	623	Isolation Valves	2	Each	\$ 1,758.00	\$ 3,516.00	2	Each	\$ 1,758.00	\$ 3,516.00	
175	623	1 inch PVC Lateral Pipe	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	
176	623	1-1/2 Inch PVC Lateral Pipe	155	Lin. Ft.	\$ 3.15	\$ 488.25	155	Lin. Ft.	\$ 3.15	\$ 488.25	
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10	Each	\$ 30.00	\$ 300.00	10	Each	\$ 30.00	\$ 300.00	
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8	Each	\$ 17.90	\$ 143.20	8	Each	\$ 17.90	\$ 143.20	

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---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ 1.25	\$ 2,661.25	2129	Lin. Ft.	\$ 1.25	\$ 2,661.25	
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ 0.83	\$ 506.30	610	Each	\$ 0.83	\$ 506.30	
181	623	Tree Ring Assembly	18.	Each	\$ 58.38	\$ 1,050.84	18	Each	\$ 58.38	\$ 1,050.84	
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ 62.00	\$ 310.00	5	Each	\$ 62.00	\$ 310.00	
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ 660.00	\$ 660.00	1	Lump Sum	\$ 660.00	\$ 660.00	
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ 8.75	\$ 1,330.00	152	Lin. Ft.	\$ 8.75	\$ 1,330.00	
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ 10.00	\$ 200.00	20	Lin. Ft.	\$ 10.00	\$ 200.00	
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ 8.00	\$ 1,600.00	200	Lin. Ft.	\$ 8.00	\$ 1,600.00	
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	1	Lump Sum	\$ 45,000.00	\$ 45,000.00	
188	626	Mobilization	1.	Lump Sum	\$ 300,000.00	\$ 300,000.00	1	Lump Sum	\$ 300,000.00	\$ 300,000.00	
189	627	Epoxy Pavement Marking	6.	Gallon	\$ 688.00	\$ 4,128.00	6	Gallon	\$ 688.00	\$ 4,128.00	
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00	160	Sq. Ft.	\$ 33.00	\$ 5,280.00	
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00	268	Sq. Ft.	\$ 27.50	\$ 7,370.00	
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00	0.5	Each	\$ 3,000.00	\$ 1,500.00	\$ (1,500.00)
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00	1	Lump Sum	\$ 138.00	\$ 138.00	
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00	1	Lump Sum	\$ 44,220.00	\$ 44,220.00	
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00	40	Day	\$ 110.00	\$ 4,400.00	\$ (5,500.00)
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00	550	Hour	\$ 27.50	\$ 15,125.00	\$ (6,875.00)



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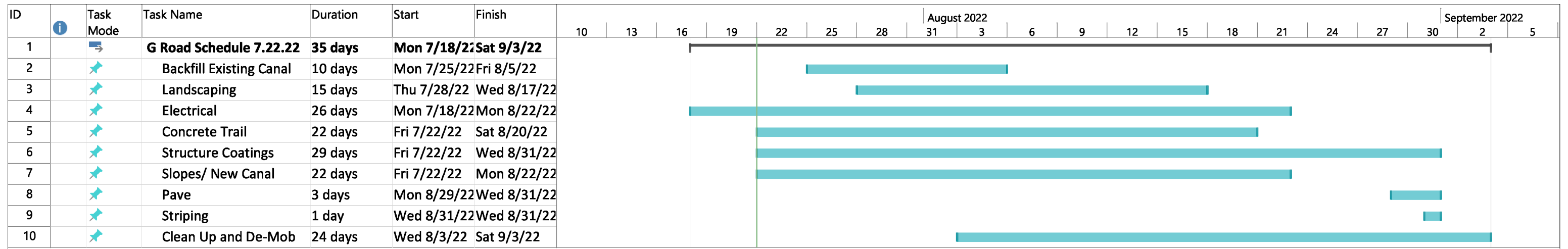
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---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00	1	Lump Sum	\$ 6,358.00	\$ 6,358.00	
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00	1	Each	\$ 200.00	\$ 200.00	
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00	1	Lump Sum	\$ 25,000.00	\$ 25,000.00	
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00	1030	Lin. Ft.	\$ 10.00	\$ 10,300.00	
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00	510	Lin. Ft.	\$ 9.00	\$ 4,590.00	
202	SP	F/A Furnish & Install Electrical Service (Do not add to total bid amount) (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	\$ 12,000.00	-----	Force Account	\$ 12,000.00	\$ 12,000.00	
203	SP	F/A Sprinklers (At Golden Gate Gas Station) (Do not add to total bid amount) (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	\$ 5,000.00	-----	Force Account	\$ 5,000.00	\$ 5,000.00	
204		Change Order No. 1									
CO-1		Cold-Weather Concrete Curing per Work Change Request #5	38.	Day	\$ 2,500.00	\$ 95,000.00	19	Day	\$ 2,500.00	\$ 47,500.00	\$ (47,500.00)
-		Change Order No. 3									
CO-3	623	4 Inch HDPE Mainline	460.	Lin. Ft.	\$ 19.08	\$ 8,776.80	460	Lin. Ft.	\$ 19.08	\$ 8,776.80	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 5**

August 12, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3, 4]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1, 4]	361	Cal. Days	---	---	410	Cal. Days	---	---	49
MCR		Minor Contract Revisions	---	---	\$ 150,000.00	\$ 150,000.00	---	---	\$ 150,000.00	\$ 150,000.00	\$ 0.00
TOTALS:					\$ 4,846,464.14			\$ 4,802,938.28		\$ (43,525.86)	

[x] - See Change Order No. "x"



Project: Project1 Date: Fri 7/22/22	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

**CHANGE ORDER****Number 4**

Date: April 5, 2022  
 To: Con-Sy Inc.  
 From: City of Grand Junction, Department of Public Works and Utilities  
 Project: **G Road Bridge Replacement Project**  
 P.O.: **2021-00000342**

It is agreed to modify the Contract for the Project as follows:

Change Order #4 adds 111 calendar days to the Contract per Con-Sy's construction schedule that was submitted to the City on February 11, 2022. Change Order #4 also increases the Projects Liquidated Damages based on Substantial Completion and Final Completion dates. Refer to the attached memorandum for a detailed description of Change Order #4.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	95,795.80
This Change Order	0.00
Revised Contract Amount	<u>\$4,846,464.14</u>

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	70.	
This Change Order	<u>111.</u>	
Revised Contract Time	361.	Cal. Days


Construction Start Date: July 20, 2021  
 Contract Completion Date: July 15, 2022

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

Owner: **City of Grand Junction**

Prepared by: DocuSigned by:  
Lee Cooper - Project Engineer, City of Grand Junction Date: 4/8/2022  
17820F90C59F422...  
 Lee Cooper, Project Engineer

Recommended by: DocuSigned by:  
Kenneth A. Haley - Engineering Manager, City of Grand Junction Date: 4/8/2022  
2A40A8467260433...  
 Ken Haley, City Engineering Manager

Approved by: DocuSigned by:  
 Date: 4/8/2022  
F6699284D030102...  
 Trent Prall, Director of Public Works

Contractor: **Con-Sy Inc.**

Signature: DocuSigned by:  
Thomas Lee - Owner/President, Con-Sy, Inc. Date: 4/7/2022  
1703EE360404925...  
 Name and Title: Thomas Lee - Owner/President, Con-Sy, Inc Owner/President Con-Sy Inc



## *Memorandum*

**TO:** Trent Prall, Ken Haley, Duane Hoff  
**FROM:** Lee Cooper, Project Engineer  
**DATE:** April 5, 2022  
**PROJECT:** G Road Bridge Replacement Project  
**SUBJECT:** Change Order #4

---

Change Order #4 is to increase the contract time for both Substantial Completion and Final Completion as requested by Con-Sy, Inc. (Contractor), per the Contractor's construction schedule submitted to the City on February 11, 2022.

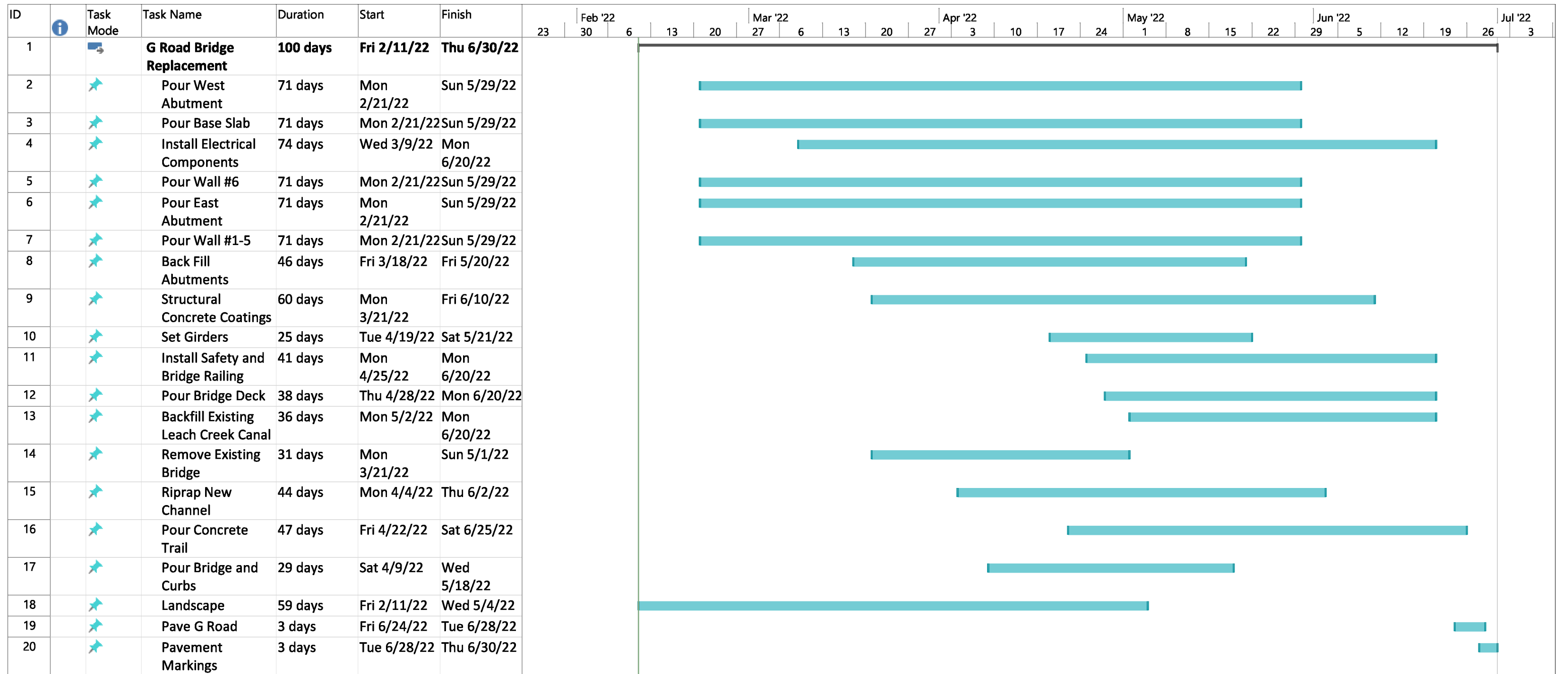
To achieve Substantial Completion, bridge construction shall be 100% complete and accepted by the City with G Road open to traffic; as well as landscaping and electrical items substantially complete. Substantial completion shall be achieved no later than June 30, 2022 (this portion adds 96 calendar days to the contract).

Final Completion, as defined by the contract documents, shall be achieved no later than July 15, 2022. This portion adds 15 calendar days to the project, beyond the June 30, 2022 Substantial Completion date. The contract completion date of July 15, 2022 will not be extended unless the City approves additional work that requires additional days, and/or, if a Force Majeure event beyond the City's and Contractor's control occurs that requires a contract extension.

With these granted increases in project schedule, Change Order #4 also increases the contract Liquidated Damages as follows:

- Substantial Completion Liquidated Damages shall be incurred at a rate of \$1,000 per day, which shall take effect on July 1, 2022 if the Contractor fails to meet the June 30, 2022 deadline for Substantial Completion. The Substantial Completion liquidated damages shall continue until such time that Substantial Completion is achieved and accepted by the City.
- In addition, Final Completion Liquidated Damages shall be incurred at a rate of \$500 per day, which shall take effect on July 16, 2022 if the Contractor fails to meet the July 15, 2022 deadline for Final Completion. The Final Completion liquidated damages shall continue until such time that Final Completion is achieved and accepted by the City.

Note: Final Completion Liquidated Damages are not in lieu of Substantial Completion Liquidated Damages, but rather are in addition to, should both deadlines not be met by the Contractor.



As requested from our meeting on 2/4/22 Con-Sy is submitting a new construction schedule for the G Road Bridge Replacement Project. Con-Sy is not taking on any new contracts at this point and will be bringing on multiple crews to complete this project. These crews will work diligently to try and make up as much lost time as possible. Further more we will most likely increase our working days to 6-7 days a week to help with lost time.

The reason for the new schedule is as follows. WH engineering fell behind schedule due to mechanical failures from H piles dropping to grade with out warning causing damage to their crane. They also had some minor delays in delivery of materials due to the slow down in the trucking industry. Con-Sy had significant delays in the excavation process because the soils at the 13-16 foot range were far worse than anticipated. The geo-tech reports showed wet soils but there is no way of knowing whether those soils are wet or more of a fluid type soil. We had fluid soils which are far worse to work with than "wet" materials.

Project: Project1 Date: Fri 2/11/22	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**

April 5, 2022

**Change Order No. 4**

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ 55.00	\$ 1,650.00	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ 45.00	\$ 73,800.00	1640	Lin. Ft.	\$ 45.00	\$ 73,800.00	
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ 88.00	\$ 18,920.00	215	Lin. Ft.	\$ 88.00	\$ 18,920.00	
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ 78.00	\$ 1,560.00	20	Lin. Ft.	\$ 78.00	\$ 1,560.00	
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ 80.00	\$ 29,600.00	370	Lin. Ft.	\$ 80.00	\$ 29,600.00	
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ 45.00	\$ 4,815.00	107	Lin. Ft.	\$ 45.00	\$ 4,815.00	
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ 55.00	\$ 5,555.00	101	Lin. Ft.	\$ 55.00	\$ 5,555.00	
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ 66.00	\$ 24,090.00	365	Lin. Ft.	\$ 66.00	\$ 24,090.00	
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ 2,122.00	\$ 2,122.00	1	Each	\$ 2,122.00	\$ 2,122.00	
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ 25.00	\$ 62,500.00	2500	Ton	\$ 25.00	\$ 62,500.00	
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ 1,651.00	\$ 1,651.00	1	Each	\$ 1,651.00	\$ 1,651.00	
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 2,331.00	\$ 2,331.00	1	Each	\$ 2,331.00	\$ 2,331.00	
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 3,518.00	\$ 7,036.00	2	Each	\$ 3,518.00	\$ 7,036.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2	Each	\$ 554.00	\$ 1,108.00	2	Each	\$ 554.00	\$ 1,108.00	
15	108.3	Tee (8" x 6") (MJ x FL)	1	Each	\$ 724.00	\$ 724.00	1	Each	\$ 724.00	\$ 724.00	
16	108.3	Tee (10" x 8") (FL)	1	Each	\$ 1,447.00	\$ 1,447.00	1	Each	\$ 1,447.00	\$ 1,447.00	
17	108.3	Elbow (8" x 45 deg) (MJ)	8	Each	\$ 440.00	\$ 3,520.00	8	Each	\$ 440.00	\$ 3,520.00	
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1	Each	\$ 365.00	\$ 365.00	1	Each	\$ 365.00	\$ 365.00	
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1	Each	\$ 1,133.00	\$ 1,133.00	1	Each	\$ 1,133.00	\$ 1,133.00	
20	108.3	Fire Hydrant Assembly	1	Each	\$ 4,179.00	\$ 4,179.00	1	Each	\$ 4,179.00	\$ 4,179.00	
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	
22	108.4	Tapping Saddle (8" x 3/4")	3	Each	\$ 315.00	\$ 945.00	3	Each	\$ 315.00	\$ 945.00	
23	108.4	Corporation Stop (3/4")	3	Each	\$ 80.00	\$ 240.00	3	Each	\$ 80.00	\$ 240.00	
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 857.00	\$ 1,714.00	2	Each	\$ 857.00	\$ 1,714.00	



**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2	Each	\$ 4,603.00	\$ 9,206.00	2	Each	\$ 4,603.00	\$ 9,206.00	
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2	Each	\$ 5,563.00	\$ 11,126.00	2	Each	\$ 5,563.00	\$ 11,126.00	
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1	Each	\$ 7,063.00	\$ 7,063.00	1	Each	\$ 7,063.00	\$ 7,063.00	
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1	Each	\$ 22,000.00	\$ 22,000.00	1	Each	\$ 22,000.00	\$ 22,000.00	
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1	Each	\$ 3,480.00	\$ 3,480.00	1	Each	\$ 3,480.00	\$ 3,480.00	
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4	Each	\$ 3,400.00	\$ 13,600.00	4	Each	\$ 3,400.00	\$ 13,600.00	
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2	Each	\$ 4,800.00	\$ 9,600.00	2	Each	\$ 4,800.00	\$ 9,600.00	
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600	Ton	\$ 37.00	\$ 22,200.00	600	Ton	\$ 37.00	\$ 22,200.00	
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	
39	202	Removal of Bridge	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	
40	202	Removal of Sign	3	Each	\$ 50.00	\$ 150.00	3	Each	\$ 50.00	\$ 150.00	
41	202	Removal of Steel Posts	14	Each	\$ 25.00	\$ 350.00	14	Each	\$ 25.00	\$ 350.00	
42	202	Removal of Manhole (Storm & Sewer)	3	Each	\$ 300.00	\$ 900.00	3	Each	\$ 300.00	\$ 900.00	
43	202	Removal of Storm Inlet	1	Each	\$ 400.00	\$ 400.00	1	Each	\$ 400.00	\$ 400.00	
44	202	Removal of Concrete Irrigation Ditch	2,150	Lin. Ft.	\$ 3.50	\$ 7,525.00	2150	Lin. Ft.	\$ 3.50	\$ 7,525.00	
45	202	Removal of Water Service	1	Each	\$ 760.00	\$ 760.00	1	Each	\$ 760.00	\$ 760.00	
46	202	Removal of Water Valve	2	Each	\$ 100.00	\$ 200.00	2	Each	\$ 100.00	\$ 200.00	
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100	Lin. Ft.	\$ 9.00	\$ 9,900.00	1100	Lin. Ft.	\$ 9.00	\$ 9,900.00	
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000	Lin. Ft.	\$ 20.00	\$ 20,000.00	1000	Lin. Ft.	\$ 20.00	\$ 20,000.00	
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6	Each	\$ 50.00	\$ 300.00	6	Each	\$ 50.00	\$ 300.00	
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515	Sq. Yd.	\$ 5.00	\$ 12,575.00	2515	Sq. Yd.	\$ 5.00	\$ 12,575.00	
52	202	Removal of Fence	1,300	Lin. Ft.	\$ 2.50	\$ 3,250.00	1300	Lin. Ft.	\$ 2.50	\$ 3,250.00	
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3	Each	\$ 500.00	\$ 1,500.00	3	Each	\$ 500.00	\$ 1,500.00	
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500	Cu. Yd.	\$ 10.50	\$ 26,250.00	2500	Cu. Yd.	\$ 10.50	\$ 26,250.00	
55	203	Muck Excavation (North Leach Creek)	3,250	Cu. Yd.	\$ 13.50	\$ 43,875.00	3250	Cu. Yd.	\$ 13.50	\$ 43,875.00	
56	203	Compaction (AASHTO T 99)	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	
57	203	Potholing (As deemed necessary)	10	Each	\$ 500.00	\$ 5,000.00	10	Each	\$ 500.00	\$ 5,000.00	
58	206	Structure Excavation	6,828	Cu. Yd.	\$ 13.50	\$ 92,178.00	6828	Cu. Yd.	\$ 13.50	\$ 92,178.00	
59	206	Structure Backfill (Class 1)	3,364	Cu. Yd.	\$ 32.00	\$ 107,648.00	3364	Cu. Yd.	\$ 32.00	\$ 107,648.00	
60	206	Structure Backfill (Class 2)	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	
61	206	Structure Backfill (Flow-Fill)	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	
62	206	Mechanical Reinforcement of Soil	2,991	Cu. Yd.	\$ 37.00	\$ 110,667.00	2991	Cu. Yd.	\$ 37.00	\$ 110,667.00	
63	206	Filter Material (Class B)	68	Cu. Yd.	\$ 56.00	\$ 3,808.00	68	Cu. Yd.	\$ 56.00	\$ 3,808.00	
64	206	Filter Material (Class C)	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	
65	207	Topsoil	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	
66	207	Stockpile Topsoil	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	
67	207	Wetland Topsoil (North Leach Creek)	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	
68	208	Pre-Fabricated Concrete Washout Structure	1	Each	\$ 3,500.00	\$ 3,500.00	1	Each	\$ 3,500.00	\$ 3,500.00	
69	208	Erosion Log (12 Inch)	1,000	Lin. Ft.	\$ 3.50	\$ 3,500.00	1000	Lin. Ft.	\$ 3.50	\$ 3,500.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ 20,000.00	\$ 20,000.00	1	Each	\$ 20,000.00	\$ 20,000.00	
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ 150.00	\$ 750.00	5	Each	\$ 150.00	\$ 750.00	
72	208	Erosion Control Management (Working Days)	130.	Day	\$ 150.00	\$ 19,500.00	130	Day	\$ 150.00	\$ 19,500.00	
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ 6,000.00	\$ 6,000.00	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10	0.1	Acre	\$ 9,581.00	\$ 958.10	
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ 0.98	\$ 1,715.00	1750	Sq. Ft.	\$ 0.98	\$ 1,715.00	
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ 0.26	\$ 4,433.00	17050	Sq. Ft.	\$ 0.26	\$ 4,433.00	
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ 1.13	\$ 16,272.00	14400	Sq. Ft.	\$ 1.13	\$ 16,272.00	
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ 1.84	\$ 1,656.00	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ 6.33	\$ 791.25	125	Lin. Ft.	\$ 6.33	\$ 791.25	
80	213	Landscape Boulder	29.	Each	\$ 160.00	\$ 4,640.00	29	Each	\$ 160.00	\$ 4,640.00	
81	214	Temporary Irrigation	1.	Lump Sum	\$ 550.00	\$ 550.00	1	Lump Sum	\$ 550.00	\$ 550.00	
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ 65.00	\$ 910.00	14	Each	\$ 65.00	\$ 910.00	
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ 521.00	\$ 4,689.00	9	Each	\$ 521.00	\$ 4,689.00	
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ 18.00	\$ 306.00	17	Each	\$ 18.00	\$ 306.00	
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ 60.00	\$ 5,520.00	92	Each	\$ 60.00	\$ 5,520.00	
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ 60.00	\$ 3,000.00	50	Each	\$ 60.00	\$ 3,000.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00	640	Each	\$ 2.75	\$ 1,760.00	
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00	1700	Each	\$ 8.90	\$ 15,130.00	
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00	4	Each	\$ 704.00	\$ 2,816.00	
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00	4	Each	\$ 495.00	\$ 1,980.00	
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50	18	Each	\$ 109.75	\$ 1,975.50	
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00	76	Each	\$ 18.00	\$ 1,368.00	
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00	25	Each	\$ 18.00	\$ 450.00	
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75	3	Each	\$ 18.25	\$ 54.75	
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40	210	Sq. Yd.	\$ 2.04	\$ 428.40	
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00	3864	Cu. Yd.	\$ 27.25	\$ 105,294.00	
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ 39.00	\$ 13,845.00	355	Sq. Yd.	\$ 39.00	\$ 13,845.00	
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ 17.50	\$ 37,800.00	2160	Sq. Yd.	\$ 17.50	\$ 37,800.00	
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ 40.00	\$ 5,640.00	141	Sq. Yd.	\$ 40.00	\$ 5,640.00	
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ 42.00	\$ 69,552.00	1656	Cu. Yd.	\$ 42.00	\$ 69,552.00	
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ 60.00	\$ 48,000.00	800	Sq. Yd.	\$ 60.00	\$ 48,000.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ 28.50	\$ 64,125.00	2250	Sq. Yd.	\$ 28.50	\$ 64,125.00	
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ 77.00	\$ 11,550.00	150	Sq. Yd.	\$ 77.00	\$ 11,550.00	
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ 75.00	\$ 7,500.00	100	Sq. Yd.	\$ 75.00	\$ 7,500.00	
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ 4.50	\$ 1,215.00	270	Gallon	\$ 4.50	\$ 1,215.00	
106	408	Link Seal	4.	Each	\$ 43.00	\$ 172.00	4	Each	\$ 43.00	\$ 172.00	
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ 3.50	\$ 2,138.50	611	Sq. Yd.	\$ 3.50	\$ 2,138.50	
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ 2.50	\$ 17,835.00	7134	Sq. Yd.	\$ 2.50	\$ 17,835.00	
109	502	Pile Tip	91.	Each	\$ 172.50	\$ 15,697.50	91	Each	\$ 172.50	\$ 15,697.50	
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ 86.00	\$ 415,552.00	4832	Lin. Ft.	\$ 86.00	\$ 415,552.00	
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	452	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ 85.00	\$ 30,175.00	355	Cu. Yd.	\$ 85.00	\$ 30,175.00	
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ 88.00	\$ 10,824.00	123	Cu. Yd.	\$ 88.00	\$ 10,824.00	
114	509	Sump Access Hatch	1.	Each	\$ 3,107.00	\$ 3,107.00	1	Each	\$ 3,107.00	\$ 3,107.00	
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ 416.00	\$ 1,248.00	3	Each	\$ 416.00	\$ 1,248.00	

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			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ 294.00	\$ 82,026.00	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ 165.00	\$ 62,535.00	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ 28.00	\$ 17,276.00	617	Sq. Yd.	\$ 28.00	\$ 17,276.00	
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ 85.00	\$ 36,890.00	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ 21.00	\$ 14,910.00	710	Lin. Ft.	\$ 21.00	\$ 14,910.00	
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ 27.00	\$ 4,023.00	149	Lin. Ft.	\$ 27.00	\$ 4,023.00	
122	601	Sump Access Precast Riser	1.	Each	\$ 2,500.00	\$ 2,500.00	1	Each	\$ 2,500.00	\$ 2,500.00	
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ 950.00	\$ 510,150.00	537	Cu. Yd.	\$ 950.00	\$ 510,150.00	
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ 850.00	\$ 259,250.00	305	Cu. Yd.	\$ 850.00	\$ 259,250.00	
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ 2.75	\$ 18,557.00	6748	Sq. Ft.	\$ 2.75	\$ 18,557.00	
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ 3.00	\$ 20,244.00	6748	Sq. Ft.	\$ 3.00	\$ 20,244.00	
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ 200.00	\$ 2,400.00	12	Each	\$ 200.00	\$ 2,400.00	
128	602	Reinforcing Steel	86,639.	Pound	\$ 2.00	\$ 173,278.00	86639	Pound	\$ 2.00	\$ 173,278.00	
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ 2.50	\$ 122,435.00	48974	Pound	\$ 2.50	\$ 122,435.00	
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28.	Lin. Ft.	\$ 122.00	\$ 3,416.00	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ 100.00	\$ 100.00	1	Each	\$ 100.00	\$ 100.00	

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---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ 7.00	\$ 6,825.00	975	Lin. Ft.	\$ 7.00	\$ 6,825.00	
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ 4.00	\$ 1,900.00	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ 200.00	\$ 1,000.00	5	Each	\$ 200.00	\$ 1,000.00	
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ 31.00	\$ 16,213.00	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ 32.00	\$ 10,080.00	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ 700.00	\$ 2,100.00	3	Each	\$ 700.00	\$ 2,100.00	
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ 230.00	\$ 2,530.00	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ 65.00	\$ 520.00	8	Sq. Yd.	\$ 65.00	\$ 520.00	
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ 35.00	\$ 1,400.00	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ 8.80	\$ 1,848.00	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ 2.20	\$ 2,899.60	1318	Lin. Ft.	\$ 2.20	\$ 2,899.60	
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ 11.00	\$ 3,047.00	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	



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---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ 8.80	\$ 3,115.20	354	Lin. Ft.	\$ 8.80	\$ 3,115.20	
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ 11.00	\$ 110.00	10	Lin. Ft.	\$ 11.00	\$ 110.00	
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ 389.50	\$ 1,558.00	4	Each	\$ 389.50	\$ 1,558.00	
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ 104.50	\$ 418.00	4	Each	\$ 104.50	\$ 418.00	
148	613	Type One Pull Box	22.	Each	\$ 924.00	\$ 20,328.00	22	Each	\$ 924.00	\$ 20,328.00	
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ 1,959.00	\$ 1,959.00	1	Each	\$ 1,959.00	\$ 1,959.00	
150	613	Wiring	1.	Lump Sum	\$ 33,058.00	\$ 33,058.00	1	Lump Sum	\$ 33,058.00	\$ 33,058.00	
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ 3,946.00	\$ 55,244.00	14	Each	\$ 3,946.00	\$ 55,244.00	
152	613	Light Standard Foundation (Special)	14.	Each	\$ 2,152.00	\$ 30,128.00	14	Each	\$ 2,152.00	\$ 30,128.00	
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ 71,809.00	\$ 71,809.00	1	Each	\$ 71,809.00	\$ 71,809.00	
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00	1	Each	\$ 850.00	\$ 850.00	
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00	4779	Sq. Ft.	\$ 94.00	\$ 449,226.00	
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00	14	Lin. Ft.	\$ 99.00	\$ 1,386.00	
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00	50	Lin. Ft.	\$ 89.00	\$ 4,450.00	
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00	2	Each	\$ 275.00	\$ 550.00	

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---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ 153.00	\$ 1,224.00	8	Each	\$ 153.00	\$ 1,224.00	
160	620	Portable Sanitary Facility	1.	Each	\$ 4,000.00	\$ 4,000.00	1	Each	\$ 4,000.00	\$ 4,000.00	
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ 7.32	\$ 1,317.60	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ 3.85	\$ 411.95	107	Lin. Ft.	\$ 3.85	\$ 411.95	
163	623	Power Source Wire	25.	Lin. Ft.	\$ 5.50	\$ 137.50	25	Lin. Ft.	\$ 5.50	\$ 137.50	
164	623	Irrigation Controller	1.	Each	\$ 6,455.00	\$ 6,455.00	1	Each	\$ 6,455.00	\$ 6,455.00	
165 [3]	623	3 Inch HDPE Mainline						Lin. Ft.	\$ 17.35		
166	623	Manual Drain Valve	1.	Each	\$ 332.00	\$ 332.00	1	Each	\$ 332.00	\$ 332.00	
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ 398.50	\$ 797.00	2	Each	\$ 398.50	\$ 797.00	
168	623	1 inch Automatic Control Valve	1.	Each	\$ 697.90	\$ 697.90	1	Each	\$ 697.90	\$ 697.90	
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ 778.00	\$ 1,556.00	2	Each	\$ 778.00	\$ 1,556.00	
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ 0.83	\$ 269.75	325	Lin. Ft.	\$ 0.83	\$ 269.75	
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ 713.00	\$ 713.00	1	Lump Sum	\$ 713.00	\$ 713.00	
172	623	Grounding LSLP Surge Protector	1.	Each	\$ 411.00	\$ 411.00	1	Each	\$ 411.00	\$ 411.00	
173	623	Jumbo Valve Box	2.	Each	\$ 81.00	\$ 162.00	2	Each	\$ 81.00	\$ 162.00	
174	623	Isolation Valves	2.	Each	\$ 1,758.00	\$ 3,516.00	2	Each	\$ 1,758.00	\$ 3,516.00	
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ 3.00	\$ 1,350.00	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ 3.15	\$ 488.25	155	Lin. Ft.	\$ 3.15	\$ 488.25	
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ 30.00	\$ 300.00	10	Each	\$ 30.00	\$ 300.00	
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ 17.90	\$ 143.20	8	Each	\$ 17.90	\$ 143.20	

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179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ 1.25	\$ 2,661.25	2129	Lin. Ft.	\$ 1.25	\$ 2,661.25	
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ 0.83	\$ 506.30	610	Each	\$ 0.83	\$ 506.30	
181	623	Tree Ring Assembly	18.	Each	\$ 58.38	\$ 1,050.84	18	Each	\$ 58.38	\$ 1,050.84	
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ 62.00	\$ 310.00	5	Each	\$ 62.00	\$ 310.00	
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ 660.00	\$ 660.00	1	Lump Sum	\$ 660.00	\$ 660.00	
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ 8.75	\$ 1,330.00	152	Lin. Ft.	\$ 8.75	\$ 1,330.00	
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ 10.00	\$ 200.00	20	Lin. Ft.	\$ 10.00	\$ 200.00	
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ 8.00	\$ 1,600.00	200	Lin. Ft.	\$ 8.00	\$ 1,600.00	
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	1	Lump Sum	\$ 45,000.00	\$ 45,000.00	
188	626	Mobilization	1.	Lump Sum	\$ 300,000.00	\$ 300,000.00	1	Lump Sum	\$ 300,000.00	\$ 300,000.00	
189	627	Epoxy Pavement Marking	6.	Gallon	\$ 688.00	\$ 4,128.00	6	Gallon	\$ 688.00	\$ 4,128.00	
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00	160	Sq. Ft.	\$ 33.00	\$ 5,280.00	
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00	268	Sq. Ft.	\$ 27.50	\$ 7,370.00	
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00	1	Each	\$ 3,000.00	\$ 3,000.00	
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00	1	Lump Sum	\$ 138.00	\$ 138.00	
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00	1	Lump Sum	\$ 44,220.00	\$ 44,220.00	
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00	90	Day	\$ 110.00	\$ 9,900.00	
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00	800	Hour	\$ 27.50	\$ 22,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00	1	Lump Sum	\$ 6,358.00	\$ 6,358.00	
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00	1	Each	\$ 200.00	\$ 200.00	
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00	1	Lump Sum	\$ 25,000.00	\$ 25,000.00	
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00	1030	Lin. Ft.	\$ 10.00	\$ 10,300.00	
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00	510	Lin. Ft.	\$ 9.00	\$ 4,590.00	
202	SP	F/A Furnish & Install Electrical Service (Do not add to total bid amount) (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	\$ 12,000.00	-----	Force Account	\$ 12,000.00	\$ 12,000.00	
203	SP	F/A Sprinklers (At Golden Gate Gas Station) (Do not add to total bid amount) (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	\$ 5,000.00	-----	Force Account	\$ 5,000.00	\$ 5,000.00	
204		Change Order No. 1									
CO-1		Cold-Weather Concrete Curing per Work Change Request #5	38.	Day	\$ 2,500.00	\$ 95,000.00	38	Day	\$ 2,500.00	\$ 95,000.00	
-		Change Order No. 3									
CO-3	623	4 Inch HDPE Mainline	460.	Lin. Ft.	\$ 19.08	\$ 8,776.80	460	Lin. Ft.	\$ 19.08	\$ 8,776.80	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342  
Change Order No. 4**

April 5, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2, 3]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	361	Cal. Days	---	---	111
MCR		Minor Contract Revisions	---	---	\$ 150,000.00	\$ 150,000.00	---	---	\$ 150,000.00	\$ 150,000.00	\$ 0.00
TOTALS:					\$ 4,846,464.14			\$ 4,846,464.14		\$ -	

[x] - See Change Order No. "x"

# CHANGE ORDER

## Number 3

Date: February 3, 2022  
To: Con-Sy Inc.  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: **G Road Bridge Replacement Project**  
P.O.: **2021-0000342**

It is agreed to modify the Contract for the Project as follows:

Change Order #3 deletes line item #165, 3 Inch HDPE Mainline, 460 LF, and replaces it with 4 Inch HDPE Mainline, 460 LF as shown in this Change Order. Change Order #3 increases the Contract amount by \$795.80 for this material change. The reason for the change to 4" irrigation pipe is because the Phase 2 - 24 Road and G Road expansion project will be installing 4" HDPE irrigation mainline pipe. In order to maintain pipe size consistency and flow characteristics, it makes sense to change out the irrigation mainline pipe on the G Road Bridge Project to match will be installed on the Phase 2 project.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	95,000.00
This Change Order	795.80
Revised Contract Amount	<u>\$4,846,464.14</u>

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	70.	
This Change Order	0.	
Revised Contract Time	<u>250.</u>	Cal. Days

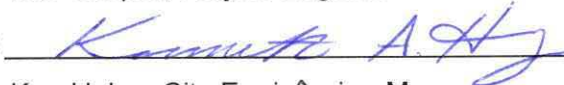
Construction Start Date: July 20, 2021  
Contract Completion Date: March 26, 2022

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.


Owner: **City of Grand Junction**

Prepared by:   
Lee Cooper, Project Engineer

Date: 2/3/2022

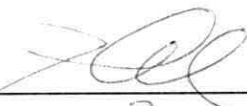
Recommended by:   
Ken Haley, City Engineering Manager

Date: 2/3/2022

Approved by:   
Trent Prall, Director of Public Works

Date: 2/3/22

Contractor: **Con-Sy Inc.**

Signature:   
Name and Title: THOMAS LEE PPEC

Date: 2-3-22

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ 55.00	\$ 1,650.00	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ 45.00	\$ 73,800.00	1640	Lin. Ft.	\$ 45.00	\$ 73,800.00	
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ 88.00	\$ 18,920.00	215	Lin. Ft.	\$ 88.00	\$ 18,920.00	
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ 78.00	\$ 1,560.00	20	Lin. Ft.	\$ 78.00	\$ 1,560.00	
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ 80.00	\$ 29,600.00	370	Lin. Ft.	\$ 80.00	\$ 29,600.00	
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ 45.00	\$ 4,815.00	107	Lin. Ft.	\$ 45.00	\$ 4,815.00	
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ 55.00	\$ 5,555.00	101	Lin. Ft.	\$ 55.00	\$ 5,555.00	
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ 66.00	\$ 24,090.00	365	Lin. Ft.	\$ 66.00	\$ 24,090.00	
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ 2,122.00	\$ 2,122.00	1	Each	\$ 2,122.00	\$ 2,122.00	
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ 25.00	\$ 62,500.00	2500	Ton	\$ 25.00	\$ 62,500.00	
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ 1,651.00	\$ 1,651.00	1	Each	\$ 1,651.00	\$ 1,651.00	
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 2,331.00	\$ 2,331.00	1	Each	\$ 2,331.00	\$ 2,331.00	
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 3,518.00	\$ 7,036.00	2	Each	\$ 3,518.00	\$ 7,036.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2.	Each	\$ 554.00	\$ 1,108.00	2	Each	\$ 554.00	\$ 1,108.00	
15	108.3	Tee (8" x 6") (MJ x FL)	1.	Each	\$ 724.00	\$ 724.00	1	Each	\$ 724.00	\$ 724.00	
16	108.3	Tee (10" x 8") (FL)	1.	Each	\$ 1,447.00	\$ 1,447.00	1	Each	\$ 1,447.00	\$ 1,447.00	
17	108.3	Elbow (8" x 45 deg) (MJ)	8.	Each	\$ 440.00	\$ 3,520.00	8	Each	\$ 440.00	\$ 3,520.00	
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1.	Each	\$ 365.00	\$ 365.00	1	Each	\$ 365.00	\$ 365.00	
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1.	Each	\$ 1,133.00	\$ 1,133.00	1	Each	\$ 1,133.00	\$ 1,133.00	
20	108.3	Fire Hydrant Assembly	1.	Each	\$ 4,179.00	\$ 4,179.00	1	Each	\$ 4,179.00	\$ 4,179.00	
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260.	Lin. Ft.	\$ 5.00	\$ 1,300.00	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	
22	108.4	Tapping Saddle (8" x 3/4")	3.	Each	\$ 315.00	\$ 945.00	3	Each	\$ 315.00	\$ 945.00	
23	108.4	Corporation Stop (3/4")	3.	Each	\$ 80.00	\$ 240.00	3	Each	\$ 80.00	\$ 240.00	
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2.	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2.	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ 857.00	\$ 1,714.00	2	Each	\$ 857.00	\$ 1,714.00	



**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342  
Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ 4,603.00	\$ 9,206.00	2	Each	\$ 4,603.00	\$ 9,206.00	
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2.	Each	\$ 5,563.00	\$ 11,126.00	2	Each	\$ 5,563.00	\$ 11,126.00	
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1.	Each	\$ 7,063.00	\$ 7,063.00	1	Each	\$ 7,063.00	\$ 7,063.00	
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1.	Each	\$ 22,000.00	\$ 22,000.00	1	Each	\$ 22,000.00	\$ 22,000.00	
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1.	Each	\$ 3,480.00	\$ 3,480.00	1	Each	\$ 3,480.00	\$ 3,480.00	
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4.	Each	\$ 3,400.00	\$ 13,600.00	4	Each	\$ 3,400.00	\$ 13,600.00	
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17.	Vert. Ft.	\$ 218.00	\$ 3,706.00	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8.	Vert. Ft.	\$ 318.00	\$ 2,544.00	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10.	Vert. Ft.	\$ 317.00	\$ 3,170.00	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342  
Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2.	Each	\$ 4,800.00	\$ 9,600.00	2	Each	\$ 4,800.00	\$ 9,600.00	
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600.	Ton	\$ 37.00	\$ 22,200.00	600	Ton	\$ 37.00	\$ 22,200.00	
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1.	Lump Sum	\$ 15,000.00	\$ 15,000.00	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	
39	202	Removal of Bridge	1.	Lump Sum	\$ 104,500.00	\$ 104,500.00	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	
40	202	Removal of Sign	3.	Each	\$ 50.00	\$ 150.00	3	Each	\$ 50.00	\$ 150.00	
41	202	Removal of Steel Posts	14.	Each	\$ 25.00	\$ 350.00	14	Each	\$ 25.00	\$ 350.00	
42	202	Removal of Manhole (Storm & Sewer)	3.	Each	\$ 300.00	\$ 900.00	3	Each	\$ 300.00	\$ 900.00	
43	202	Removal of Storm Inlet	1.	Each	\$ 400.00	\$ 400.00	1	Each	\$ 400.00	\$ 400.00	
44	202	Removal of Concrete Irrigation Ditch	2,150.	Lin. Ft.	\$ 3.50	\$ 7,525.00	2150	Lin. Ft.	\$ 3.50	\$ 7,525.00	
45	202	Removal of Water Service	1.	Each	\$ 760.00	\$ 760.00	1	Each	\$ 760.00	\$ 760.00	
46	202	Removal of Water Valve	2.	Each	\$ 100.00	\$ 200.00	2	Each	\$ 100.00	\$ 200.00	
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100.	Lin. Ft.	\$ 9.00	\$ 9,900.00	1100	Lin. Ft.	\$ 9.00	\$ 9,900.00	
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000.	Lin. Ft.	\$ 20.00	\$ 20,000.00	1000	Lin. Ft.	\$ 20.00	\$ 20,000.00	
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400.	Sq. Yd.	\$ 5.00	\$ 2,000.00	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6	Each	\$ 50.00	\$ 300.00	6	Each	\$ 50.00	\$ 300.00	
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515	Sq. Yd.	\$ 5.00	\$ 12,575.00	2515	Sq. Yd.	\$ 5.00	\$ 12,575.00	
52	202	Removal of Fence	1,300	Lin. Ft.	\$ 2.50	\$ 3,250.00	1300	Lin. Ft.	\$ 2.50	\$ 3,250.00	
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3	Each	\$ 500.00	\$ 1,500.00	3	Each	\$ 500.00	\$ 1,500.00	
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500	Cu. Yd.	\$ 10.50	\$ 26,250.00	2500	Cu. Yd.	\$ 10.50	\$ 26,250.00	
55	203	Muck Excavation (North Leach Creek)	3,250	Cu. Yd.	\$ 13.50	\$ 43,875.00	3250	Cu. Yd.	\$ 13.50	\$ 43,875.00	
56	203	Compaction (AASHTO T 99)	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	
57	203	Potholing (As deemed necessary)	10	Each	\$ 500.00	\$ 5,000.00	10	Each	\$ 500.00	\$ 5,000.00	
58	206	Structure Excavation	6,828	Cu. Yd.	\$ 13.50	\$ 92,178.00	6828	Cu. Yd.	\$ 13.50	\$ 92,178.00	
59	206	Structure Backfill (Class 1)	3,364	Cu. Yd.	\$ 32.00	\$ 107,648.00	3364	Cu. Yd.	\$ 32.00	\$ 107,648.00	
60	206	Structure Backfill (Class 2)	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	
61	206	Structure Backfill (Flow-Fill)	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	
62	206	Mechanical Reinforcement of Soil	2,991	Cu. Yd.	\$ 37.00	\$ 110,667.00	2991	Cu. Yd.	\$ 37.00	\$ 110,667.00	
63	206	Filter Material (Class B)	68	Cu. Yd.	\$ 56.00	\$ 3,808.00	68	Cu. Yd.	\$ 56.00	\$ 3,808.00	
64	206	Filter Material (Class C)	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	
65	207	Topsoil	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	
66	207	Stockpile Topsoil	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	
67	207	Wetland Topsoil (North Leach Creek)	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	
68	208	Pre-Fabricated Concrete Washout Structure	1	Each	\$ 3,500.00	\$ 3,500.00	1	Each	\$ 3,500.00	\$ 3,500.00	
69	208	Erosion Log (12 Inch)	1,000	Lin. Ft.	\$ 3.50	\$ 3,500.00	1000	Lin. Ft.	\$ 3.50	\$ 3,500.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ 20,000.00	\$ 20,000.00	1	Each	\$ 20,000.00	\$ 20,000.00	
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ 150.00	\$ 750.00	5	Each	\$ 150.00	\$ 750.00	
72	208	Erosion Control Management (Working Days)	130.	Day	\$ 150.00	\$ 19,500.00	130	Day	\$ 150.00	\$ 19,500.00	
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ 6,000.00	\$ 6,000.00	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10	0.1	Acre	\$ 9,581.00	\$ 958.10	
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ 0.98	\$ 1,715.00	1750	Sq. Ft.	\$ 0.98	\$ 1,715.00	
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ 0.26	\$ 4,433.00	17050	Sq. Ft.	\$ 0.26	\$ 4,433.00	
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ 1.13	\$ 16,272.00	14400	Sq. Ft.	\$ 1.13	\$ 16,272.00	
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ 1.84	\$ 1,656.00	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ 6.33	\$ 791.25	125	Lin. Ft.	\$ 6.33	\$ 791.25	
80	213	Landscape Boulder	29.	Each	\$ 160.00	\$ 4,640.00	29	Each	\$ 160.00	\$ 4,640.00	
81	214	Temporary Irrigation	1.	Lump Sum	\$ 550.00	\$ 550.00	1	Lump Sum	\$ 550.00	\$ 550.00	
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ 65.00	\$ 910.00	14	Each	\$ 65.00	\$ 910.00	
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ 521.00	\$ 4,689.00	9	Each	\$ 521.00	\$ 4,689.00	
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ 18.00	\$ 306.00	17	Each	\$ 18.00	\$ 306.00	
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ 60.00	\$ 5,520.00	92	Each	\$ 60.00	\$ 5,520.00	
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ 60.00	\$ 3,000.00	50	Each	\$ 60.00	\$ 3,000.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00	640	Each	\$ 2.75	\$ 1,760.00	
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00	1700	Each	\$ 8.90	\$ 15,130.00	
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00	4	Each	\$ 704.00	\$ 2,816.00	
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00	4	Each	\$ 495.00	\$ 1,980.00	
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50	18	Each	\$ 109.75	\$ 1,975.50	
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00	76	Each	\$ 18.00	\$ 1,368.00	
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00	25	Each	\$ 18.00	\$ 450.00	
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75	3	Each	\$ 18.25	\$ 54.75	
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40	210	Sq. Yd.	\$ 2.04	\$ 428.40	
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00	3864	Cu. Yd.	\$ 27.25	\$ 105,294.00	
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ 39.00	\$ 13,845.00	355	Sq. Yd.	\$ 39.00	\$ 13,845.00	
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ 17.50	\$ 37,800.00	2160	Sq. Yd.	\$ 17.50	\$ 37,800.00	
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ 40.00	\$ 5,640.00	141	Sq. Yd.	\$ 40.00	\$ 5,640.00	
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ 42.00	\$ 69,552.00	1656	Cu. Yd.	\$ 42.00	\$ 69,552.00	
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ 60.00	\$ 48,000.00	800	Sq. Yd.	\$ 60.00	\$ 48,000.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ 28.50	\$ 64,125.00	2250	Sq. Yd.	\$ 28.50	\$ 64,125.00	
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ 77.00	\$ 11,550.00	150	Sq. Yd.	\$ 77.00	\$ 11,550.00	
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ 75.00	\$ 7,500.00	100	Sq. Yd.	\$ 75.00	\$ 7,500.00	
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ 4.50	\$ 1,215.00	270	Gallon	\$ 4.50	\$ 1,215.00	
106	408	Link Seal	4.	Each	\$ 43.00	\$ 172.00	4	Each	\$ 43.00	\$ 172.00	
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ 3.50	\$ 2,138.50	611	Sq. Yd.	\$ 3.50	\$ 2,138.50	
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ 2.50	\$ 17,835.00	7134	Sq. Yd.	\$ 2.50	\$ 17,835.00	
109	502	Pile Tip	91.	Each	\$ 172.50	\$ 15,697.50	91	Each	\$ 172.50	\$ 15,697.50	
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ 86.00	\$ 415,552.00	4832	Lin. Ft.	\$ 86.00	\$ 415,552.00	
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	452	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ 85.00	\$ 30,175.00	355	Cu. Yd.	\$ 85.00	\$ 30,175.00	
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ 88.00	\$ 10,824.00	123	Cu. Yd.	\$ 88.00	\$ 10,824.00	
114	509	Sump Access Hatch	1.	Each	\$ 3,107.00	\$ 3,107.00	1	Each	\$ 3,107.00	\$ 3,107.00	
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ 416.00	\$ 1,248.00	3	Each	\$ 416.00	\$ 1,248.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ 294.00	\$ 82,026.00	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ 165.00	\$ 62,535.00	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ 28.00	\$ 17,276.00	617	Sq. Yd.	\$ 28.00	\$ 17,276.00	
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ 85.00	\$ 36,890.00	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ 21.00	\$ 14,910.00	710	Lin. Ft.	\$ 21.00	\$ 14,910.00	
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ 27.00	\$ 4,023.00	149	Lin. Ft.	\$ 27.00	\$ 4,023.00	
122	601	Sump Access Precast Riser	1.	Each	\$ 2,500.00	\$ 2,500.00	1	Each	\$ 2,500.00	\$ 2,500.00	
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ 950.00	\$ 510,150.00	537	Cu. Yd.	\$ 950.00	\$ 510,150.00	
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ 850.00	\$ 259,250.00	305	Cu. Yd.	\$ 850.00	\$ 259,250.00	
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ 2.75	\$ 18,557.00	6748	Sq. Ft.	\$ 2.75	\$ 18,557.00	
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ 3.00	\$ 20,244.00	6748	Sq. Ft.	\$ 3.00	\$ 20,244.00	
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ 200.00	\$ 2,400.00	12	Each	\$ 200.00	\$ 2,400.00	
128	602	Reinforcing Steel	86,639.	Pound	\$ 2.00	\$ 173,278.00	86639	Pound	\$ 2.00	\$ 173,278.00	
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ 2.50	\$ 122,435.00	48974	Pound	\$ 2.50	\$ 122,435.00	
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28.	Lin. Ft.	\$ 122.00	\$ 3,416.00	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ 100.00	\$ 100.00	1	Each	\$ 100.00	\$ 100.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ 7.00	\$ 6,825.00	975	Lin. Ft.	\$ 7.00	\$ 6,825.00	
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ 4.00	\$ 1,900.00	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ 200.00	\$ 1,000.00	5	Each	\$ 200.00	\$ 1,000.00	
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ 31.00	\$ 16,213.00	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ 32.00	\$ 10,080.00	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ 700.00	\$ 2,100.00	3	Each	\$ 700.00	\$ 2,100.00	
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ 230.00	\$ 2,530.00	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ 65.00	\$ 520.00	8	Sq. Yd.	\$ 65.00	\$ 520.00	
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ 35.00	\$ 1,400.00	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ 8.80	\$ 1,848.00	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ 2.20	\$ 2,899.60	1318	Lin. Ft.	\$ 2.20	\$ 2,899.60	
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ 11.00	\$ 3,047.00	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	



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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ 8.80	\$ 3,115.20	354	Lin. Ft.	\$ 8.80	\$ 3,115.20	
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ 11.00	\$ 110.00	10	Lin. Ft.	\$ 11.00	\$ 110.00	
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ 389.50	\$ 1,558.00	4	Each	\$ 389.50	\$ 1,558.00	
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ 104.50	\$ 418.00	4	Each	\$ 104.50	\$ 418.00	
148	613	Type One Pull Box	22.	Each	\$ 924.00	\$ 20,328.00	22	Each	\$ 924.00	\$ 20,328.00	
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ 1,959.00	\$ 1,959.00	1	Each	\$ 1,959.00	\$ 1,959.00	
150	613	Wiring	1.	Lump Sum	\$ 33,058.00	\$ 33,058.00	1	Lump Sum	\$ 33,058.00	\$ 33,058.00	
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ 3,946.00	\$ 55,244.00	14	Each	\$ 3,946.00	\$ 55,244.00	
152	613	Light Standard Foundation (Special)	14.	Each	\$ 2,152.00	\$ 30,128.00	14	Each	\$ 2,152.00	\$ 30,128.00	
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ 71,809.00	\$ 71,809.00	1	Each	\$ 71,809.00	\$ 71,809.00	
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00	1	Each	\$ 850.00	\$ 850.00	
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00	4779	Sq. Ft.	\$ 94.00	\$ 449,226.00	
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00	14	Lin. Ft.	\$ 99.00	\$ 1,386.00	
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00	50	Lin. Ft.	\$ 89.00	\$ 4,450.00	
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00	2	Each	\$ 275.00	\$ 550.00	

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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ 153.00	\$ 1,224.00	8	Each	\$ 153.00	\$ 1,224.00	
160	620	Portable Sanitary Facility	1.	Each	\$ 4,000.00	\$ 4,000.00	1	Each	\$ 4,000.00	\$ 4,000.00	
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ 7.32	\$ 1,317.60	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ 3.85	\$ 411.95	107	Lin. Ft.	\$ 3.85	\$ 411.95	
163	623	Power Source Wire	25.	Lin. Ft.	\$ 5.50	\$ 137.50	25	Lin. Ft.	\$ 5.50	\$ 137.50	
164	623	Irrigation Controller	1.	Each	\$ 6,455.00	\$ 6,455.00	1	Each	\$ 6,455.00	\$ 6,455.00	
165	623	3 Inch HDPE Mainline	460.	Lin. Ft.	\$ 17.35	\$ 7,981.00		Lin. Ft.	\$ 17.35		\$ (7,981.00)
166	623	Manual Drain Valve	1.	Each	\$ 332.00	\$ 332.00	1	Each	\$ 332.00	\$ 332.00	
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ 398.50	\$ 797.00	2	Each	\$ 398.50	\$ 797.00	
168	623	1 inch Automatic Control Valve	1.	Each	\$ 697.90	\$ 697.90	1	Each	\$ 697.90	\$ 697.90	
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ 778.00	\$ 1,556.00	2	Each	\$ 778.00	\$ 1,556.00	
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ 0.83	\$ 269.75	325	Lin. Ft.	\$ 0.83	\$ 269.75	
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ 713.00	\$ 713.00	1	Lump Sum	\$ 713.00	\$ 713.00	
172	623	Grounding LSLP Surge Protector	1.	Each	\$ 411.00	\$ 411.00	1	Each	\$ 411.00	\$ 411.00	
173	623	Jumbo Valve Box	2.	Each	\$ 81.00	\$ 162.00	2	Each	\$ 81.00	\$ 162.00	
174	623	Isolation Valves	2.	Each	\$ 1,758.00	\$ 3,516.00	2	Each	\$ 1,758.00	\$ 3,516.00	
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ 3.00	\$ 1,350.00	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ 3.15	\$ 488.25	155	Lin. Ft.	\$ 3.15	\$ 488.25	
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ 30.00	\$ 300.00	10	Each	\$ 30.00	\$ 300.00	
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ 17.90	\$ 143.20	8	Each	\$ 17.90	\$ 143.20	

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---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ 1.25	\$ 2,661.25	2129	Lin. Ft.	\$ 1.25	\$ 2,661.25	
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ 0.83	\$ 506.30	610	Each	\$ 0.83	\$ 506.30	
181	623	Tree Ring Assembly	18.	Each	\$ 58.38	\$ 1,050.84	18	Each	\$ 58.38	\$ 1,050.84	
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ 62.00	\$ 310.00	5	Each	\$ 62.00	\$ 310.00	
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ 660.00	\$ 660.00	1	Lump Sum	\$ 660.00	\$ 660.00	
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ 8.75	\$ 1,330.00	152	Lin. Ft.	\$ 8.75	\$ 1,330.00	
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ 10.00	\$ 200.00	20	Lin. Ft.	\$ 10.00	\$ 200.00	
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ 8.00	\$ 1,600.00	200	Lin. Ft.	\$ 8.00	\$ 1,600.00	
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	1	Lump Sum	\$ 45,000.00	\$ 45,000.00	
188	626	Mobilization	1.	Lump Sum	\$ 300,000.00	\$ 300,000.00	1	Lump Sum	\$ 300,000.00	\$ 300,000.00	
189	627	Epoxy Pavement Marking	6.	Gallon	\$ 688.00	\$ 4,128.00	6	Gallon	\$ 688.00	\$ 4,128.00	
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00	160	Sq. Ft.	\$ 33.00	\$ 5,280.00	
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00	268	Sq. Ft.	\$ 27.50	\$ 7,370.00	
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00	1	Each	\$ 3,000.00	\$ 3,000.00	
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00	1	Lump Sum	\$ 138.00	\$ 138.00	
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00	1	Lump Sum	\$ 44,220.00	\$ 44,220.00	
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00	90	Day	\$ 110.00	\$ 9,900.00	
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00	800	Hour	\$ 27.50	\$ 22,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00	1	Lump Sum	\$ 6,358.00	\$ 6,358.00	
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00	1	Each	\$ 200.00	\$ 200.00	
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00	1	Lump Sum	\$ 25,000.00	\$ 25,000.00	
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00	1030	Lin. Ft.	\$ 10.00	\$ 10,300.00	
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00	510	Lin. Ft.	\$ 9.00	\$ 4,590.00	
202	SP	F/A Furnish & Install Electrical Service (Do not add to total bid amount) (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	12,000.00	-----	Force Account	\$ 12,000.00	12,000.00	
203	SP	F/A Sprinklers (At Golden Gate Gas Station) (Do not add to total bid amount) (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	5,000.00	-----	Force Account	\$ 5,000.00	5,000.00	
204		Change Order No. 1									
CO-1		Cold-Weather Concrete Curing per Work Change Request #5	38.	Day	\$ 2,500.00			Day	\$ 2,500.00		
-		Change Order No. 3									
CO-3	623	4 Inch HDPE Mainline					460	Lin. Ft.	\$ 19.08	\$ 8,776.80	\$ 8,776.80

**G Road Bridge Replacement Project -- City P.O. No. 2021-00000342**  
**Change Order No. 3**

February 3, 2022

Item No.	CDOT, City Ref.	Description	Current Contract [1, 2]			Revised			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
MCR		Minor Contract Revisions	---	---	\$ 150,000.00	\$ 150,000.00	---	---	\$ 150,000.00	\$ 150,000.00	\$ 0.00
TOTALS:						\$ 4,750,668.34			\$ 4,751,464.14	\$ 795.80	

[x] - See Change Order No. "x"

## WORK CHANGE REQUEST #7

The Engineer may desire to make a change in the Work described in the Contract Documents. This form shall be used to inform the Contractor of desired changes, and to direct the Contractor to submit a Request for Adjustment. If the time required for preparation and execution of a formal Change Order would result in delay or stoppage of the Work, or would allow a hazardous condition to exist, the Engineer may authorize and direct the Contractor to proceed with the changes described.

Project: **G Road Bridge Replacement Project**  
 To: Con-Sy Inc.  
 From: City of Grand Junction  
 Date: January 13, 2022

*\$ 1.73 per LF = \$ 795.80  
 increase to Bid unit Price*

Description of and justifications for change (attach supporting documents if necessary)

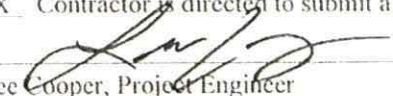
Work Change Request #7 is for changing the 3-inch HDPE Irrigation Mainline pipe to 4-inch HDPE Irrigation Mainline. All specifications for HDPE irrigation mainline pipe stay the same, however, the City would like to change the pipe to 4-inch diameter for future service to the 24 Road landscaping. Please provide an updated Unit Price for 4-inch HDPE Irrigation Mainline. Any and all irrigation pipe fittings that will connect to the new 4-inch mainline pipe also need to be changed. Please share this change with Deep Creek Landscaping so they can order the correct pipe and parts. Con-Sy is directed to submit a Request for Adjustment and is authorized to proceed with the changes described.

Recommended method of payment (Reference is made to Section VIII of the General Conditions):

- Unit Price(s) in Bid Schedule
- Unit Price(s) to be agreed upon and set forth in a Change Order or included under the Force Account Item
- Actual cost plus overhead and profit (Time & Materials)
- Lump Sum to be agreed upon and set forth in a Change Order or included under the Force Account Item

Recommended adjustment in Contract Time: **No Change**

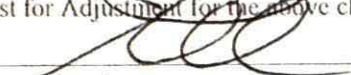
- Contractor is directed to submit a Request for Adjustment for but not proceed with the proposed changes described above.
- Contractor is directed to submit a Request for Adjustment and is authorized to proceed with the changes described above.

  
 Lee Cooper, Project Engineer

1/13/2022  
 Date

The Contractor acknowledges:

- that this is not a formal Change Order;
- that recommended methods of Contract Price and Contract Time adjustment are not binding;
- that a formal Change Order shall follow if changes are to be made;
- that any additional work performed by the Contractor unless directed otherwise above shall be at his expense, for which compensation is not due and will not be paid; and
- that a Request for Adjustment for the above changed work must be submitted within five Working Days.

  
 Contractor's representative

Pres  
 Title

2-1-22  
 Date

# CHANGE ORDER

## Number 2

Date: December 17, 2021  
To: Con-Sy Inc.  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: **G Road Bridge Replacement Project**  
P.O.: **2021-00000342**

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It is agreed to modify the Contract for the Project as follows:

Change Order #2 is for cold-weather concrete curing. This change order is for a "Not to Exceed Amount" of \$95,000. Cold-weather concrete curing entails keeping the fresh concrete at 50oF or warmer during the initial curing period while the concrete gains strength. Due to delays from utility companies relocation their utilities during the months of July, August, and September that were not a result of the City's Contractor; the City's project was put behind schedule about two months, and as a result, will now be performing the majority of structural concrete work during the winter months. In addition to the "Not to Exceed Amount", the City requested for the Contractor to provide a cost per day for cold-weather curing. The Contractor provided a per day cost of \$2,500 for cold-weather concrete curing. Having a per day cost for winter curing will help the City and Contractor keep track of days where cold-weather curing methods are used and help the City keep track of costs. These costs include all labor, protective equipment, heating devices, gas, electricity, and generator costs. Attached to this Change Order is the Contractor's Request for Adjustment.

This project had \$150,000 in the Minor Contract Revisions line item, and to date, about \$89,000 has been used. There's not enough funds available in the MCR to cover the addition of cold-weather concrete curing.

Given the time of year the G Road Bridge Replacement Project was bid, cold-weather concrete curing was not included in the Contractor's bid.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	0.00
This Change Order	95,000.00
Revised Contract Amount	<u>\$4,845,668.34</u>

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	70.	
This Change Order	0.	
Revised Contract Time	<u>250.</u>	Cal. Days
Construction Start Date:	July 20, 2021	
Contract Completion Date:	March 26, 2022	

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

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Owner: **City of Grand Junction**

Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_  
Lee Cooper, Project Engineer

Recommended by: \_\_\_\_\_ Date: \_\_\_\_\_  
Ken Haley, City Engineering Manager

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Greg Caton, City Manager

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Trent Prall, Director of Public Works

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Contractor: **Con-Sy Inc.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ 55.00	\$ 1,650.00	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ 45.00	\$ 73,800.00	1640	Lin. Ft.	\$ 45.00	\$ 73,800.00	
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ 88.00	\$ 18,920.00	215	Lin. Ft.	\$ 88.00	\$ 18,920.00	
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ 78.00	\$ 1,560.00	20	Lin. Ft.	\$ 78.00	\$ 1,560.00	
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ 80.00	\$ 29,600.00	370	Lin. Ft.	\$ 80.00	\$ 29,600.00	
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ 45.00	\$ 4,815.00	107	Lin. Ft.	\$ 45.00	\$ 4,815.00	
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ 55.00	\$ 5,555.00	101	Lin. Ft.	\$ 55.00	\$ 5,555.00	
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ 66.00	\$ 24,090.00	365	Lin. Ft.	\$ 66.00	\$ 24,090.00	
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ 2,122.00	\$ 2,122.00	1	Each	\$ 2,122.00	\$ 2,122.00	
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ 25.00	\$ 62,500.00	2500	Ton	\$ 25.00	\$ 62,500.00	
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ 1,651.00	\$ 1,651.00	1	Each	\$ 1,651.00	\$ 1,651.00	
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 2,331.00	\$ 2,331.00	1	Each	\$ 2,331.00	\$ 2,331.00	
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 3,518.00	\$ 7,036.00	2	Each	\$ 3,518.00	\$ 7,036.00	



**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2.	Each	\$ 554.00	\$ 1,108.00	2	Each	\$ 554.00	\$ 1,108.00	
15	108.3	Tee (8" x 6") (MJ x FL)	1.	Each	\$ 724.00	\$ 724.00	1	Each	\$ 724.00	\$ 724.00	
16	108.3	Tee (10" x 8") (FL)	1.	Each	\$ 1,447.00	\$ 1,447.00	1	Each	\$ 1,447.00	\$ 1,447.00	
17	108.3	Elbow (8" x 45 deg) (MJ)	8.	Each	\$ 440.00	\$ 3,520.00	8	Each	\$ 440.00	\$ 3,520.00	
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1.	Each	\$ 365.00	\$ 365.00	1	Each	\$ 365.00	\$ 365.00	
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1.	Each	\$ 1,133.00	\$ 1,133.00	1	Each	\$ 1,133.00	\$ 1,133.00	
20	108.3	Fire Hydrant Assembly	1.	Each	\$ 4,179.00	\$ 4,179.00	1	Each	\$ 4,179.00	\$ 4,179.00	
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260.	Lin. Ft.	\$ 5.00	\$ 1,300.00	260	Lin. Ft.	\$ 5.00	\$ 1,300.00	
22	108.4	Tapping Saddle (8" x 3/4")	3.	Each	\$ 315.00	\$ 945.00	3	Each	\$ 315.00	\$ 945.00	
23	108.4	Corporation Stop (3/4")	3.	Each	\$ 80.00	\$ 240.00	3	Each	\$ 80.00	\$ 240.00	
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2.	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2.	Each	\$ 75.00	\$ 150.00	2	Each	\$ 75.00	\$ 150.00	
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ 857.00	\$ 1,714.00	2	Each	\$ 857.00	\$ 1,714.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ 4,603.00	\$ 9,206.00	2	Each	\$ 4,603.00	\$ 9,206.00	
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2.	Each	\$ 5,563.00	\$ 11,126.00	2	Each	\$ 5,563.00	\$ 11,126.00	
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1.	Each	\$ 7,063.00	\$ 7,063.00	1	Each	\$ 7,063.00	\$ 7,063.00	
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1.	Each	\$ 22,000.00	\$ 22,000.00	1	Each	\$ 22,000.00	\$ 22,000.00	
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1.	Each	\$ 3,480.00	\$ 3,480.00	1	Each	\$ 3,480.00	\$ 3,480.00	
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4.	Each	\$ 3,400.00	\$ 13,600.00	4	Each	\$ 3,400.00	\$ 13,600.00	
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17.	Vert. Ft.	\$ 218.00	\$ 3,706.00	17	Vert. Ft.	\$ 218.00	\$ 3,706.00	
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8.	Vert. Ft.	\$ 318.00	\$ 2,544.00	8	Vert. Ft.	\$ 318.00	\$ 2,544.00	
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10.	Vert. Ft.	\$ 317.00	\$ 3,170.00	10	Vert. Ft.	\$ 317.00	\$ 3,170.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2.	Each	\$ 4,800.00	\$ 9,600.00	2	Each	\$ 4,800.00	\$ 9,600.00	
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600.	Ton	\$ 37.00	\$ 22,200.00	600	Ton	\$ 37.00	\$ 22,200.00	
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1.	Lump Sum	\$ 15,000.00	\$ 15,000.00	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	
39	202	Removal of Bridge	1.	Lump Sum	\$ 104,500.00	\$ 104,500.00	1	Lump Sum	\$ 104,500.00	\$ 104,500.00	
40	202	Removal of Sign	3.	Each	\$ 50.00	\$ 150.00	3	Each	\$ 50.00	\$ 150.00	
41	202	Removal of Steel Posts	14.	Each	\$ 25.00	\$ 350.00	14	Each	\$ 25.00	\$ 350.00	
42	202	Removal of Manhole (Storm & Sewer)	3.	Each	\$ 300.00	\$ 900.00	3	Each	\$ 300.00	\$ 900.00	
43	202	Removal of Storm Inlet	1.	Each	\$ 400.00	\$ 400.00	1	Each	\$ 400.00	\$ 400.00	
44	202	Removal of Concrete Irrigation Ditch	2,150.	Lin. Ft.	\$ 3.50	\$ 7,525.00	2150	Lin. Ft.	\$ 3.50	\$ 7,525.00	
45	202	Removal of Water Service	1.	Each	\$ 760.00	\$ 760.00	1	Each	\$ 760.00	\$ 760.00	
46	202	Removal of Water Valve	2.	Each	\$ 100.00	\$ 200.00	2	Each	\$ 100.00	\$ 200.00	
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100.	Lin. Ft.	\$ 9.00	\$ 9,900.00	1100	Lin. Ft.	\$ 9.00	\$ 9,900.00	
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000.	Lin. Ft.	\$ 20.00	\$ 20,000.00	1000	Lin. Ft.	\$ 20.00	\$ 20,000.00	
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400.	Sq. Yd.	\$ 5.00	\$ 2,000.00	400	Sq. Yd.	\$ 5.00	\$ 2,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6.	Each	\$ 50.00	\$ 300.00	6	Each	\$ 50.00	\$ 300.00	
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515.	Sq. Yd.	\$ 5.00	\$ 12,575.00	2515	Sq. Yd.	\$ 5.00	\$ 12,575.00	
52	202	Removal of Fence	1,300.	Lin. Ft.	\$ 2.50	\$ 3,250.00	1300	Lin. Ft.	\$ 2.50	\$ 3,250.00	
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3.	Each	\$ 500.00	\$ 1,500.00	3	Each	\$ 500.00	\$ 1,500.00	
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500.	Cu. Yd.	\$ 10.50	\$ 26,250.00	2500	Cu. Yd.	\$ 10.50	\$ 26,250.00	
55	203	Muck Excavation (North Leach Creek)	3,250.	Cu. Yd.	\$ 13.50	\$ 43,875.00	3250	Cu. Yd.	\$ 13.50	\$ 43,875.00	
56	203	Compaction (AASHTO T 99)	136.	Cu. Yd.	\$ 35.00	\$ 4,760.00	136	Cu. Yd.	\$ 35.00	\$ 4,760.00	
57	203	Potholing (As deemed necessary)	10.	Each	\$ 500.00	\$ 5,000.00	10	Each	\$ 500.00	\$ 5,000.00	
58	206	Structure Excavation	6,828.	Cu. Yd.	\$ 13.50	\$ 92,178.00	6828	Cu. Yd.	\$ 13.50	\$ 92,178.00	
59	206	Structure Backfill (Class 1)	3,364.	Cu. Yd.	\$ 32.00	\$ 107,648.00	3364	Cu. Yd.	\$ 32.00	\$ 107,648.00	
60	206	Structure Backfill (Class 2)	236.	Cu. Yd.	\$ 35.00	\$ 8,260.00	236	Cu. Yd.	\$ 35.00	\$ 8,260.00	
61	206	Structure Backfill (Flow-Fill)	50.	Cu. Yd.	\$ 156.00	\$ 7,800.00	50	Cu. Yd.	\$ 156.00	\$ 7,800.00	
62	206	Mechanical Reinforcement of Soil	2,991.	Cu. Yd.	\$ 37.00	\$ 110,667.00	2991	Cu. Yd.	\$ 37.00	\$ 110,667.00	
63	206	Filter Material (Class B)	68.	Cu. Yd.	\$ 56.00	\$ 3,808.00	68	Cu. Yd.	\$ 56.00	\$ 3,808.00	
64	206	Filter Material (Class C)	174.	Cu. Yd.	\$ 65.00	\$ 11,310.00	174	Cu. Yd.	\$ 65.00	\$ 11,310.00	
65	207	Topsoil	452.	Cu. Yd.	\$ 35.00	\$ 15,820.00	452	Cu. Yd.	\$ 35.00	\$ 15,820.00	
66	207	Stockpile Topsoil	452.	Cu. Yd.	\$ 9.00	\$ 4,068.00	452	Cu. Yd.	\$ 9.00	\$ 4,068.00	
67	207	Wetland Topsoil (North Leach Creek)	260.	Cu. Yd.	\$ 32.00	\$ 8,320.00	260	Cu. Yd.	\$ 32.00	\$ 8,320.00	
68	208	Pre-Fabricated Concrete Washout Structure	1.	Each	\$ 3,500.00	\$ 3,500.00	1	Each	\$ 3,500.00	\$ 3,500.00	
69	208	Erosion Log (12 Inch)	1,000.	Lin. Ft.	\$ 3.50	\$ 3,500.00	1000	Lin. Ft.	\$ 3.50	\$ 3,500.00	

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December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ 20,000.00	\$ 20,000.00	1	Each	\$ 20,000.00	\$ 20,000.00	
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ 150.00	\$ 750.00	5	Each	\$ 150.00	\$ 750.00	
72	208	Erosion Control Management (Working Days)	130.	Day	\$ 150.00	\$ 19,500.00	130	Day	\$ 150.00	\$ 19,500.00	
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ 6,000.00	\$ 6,000.00	1	Lump Sum	\$ 6,000.00	\$ 6,000.00	
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10	0.1	Acre	\$ 9,581.00	\$ 958.10	
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ 0.98	\$ 1,715.00	1750	Sq. Ft.	\$ 0.98	\$ 1,715.00	
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ 0.26	\$ 4,433.00	17050	Sq. Ft.	\$ 0.26	\$ 4,433.00	
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ 1.13	\$ 16,272.00	14400	Sq. Ft.	\$ 1.13	\$ 16,272.00	
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ 1.84	\$ 1,656.00	900	Sq. Ft.	\$ 1.84	\$ 1,656.00	
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ 6.33	\$ 791.25	125	Lin. Ft.	\$ 6.33	\$ 791.25	
80	213	Landscape Boulder	29.	Each	\$ 160.00	\$ 4,640.00	29	Each	\$ 160.00	\$ 4,640.00	
81	214	Temporary Irrigation	1.	Lump Sum	\$ 550.00	\$ 550.00	1	Lump Sum	\$ 550.00	\$ 550.00	
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ 65.00	\$ 910.00	14	Each	\$ 65.00	\$ 910.00	
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ 521.00	\$ 4,689.00	9	Each	\$ 521.00	\$ 4,689.00	
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ 18.00	\$ 306.00	17	Each	\$ 18.00	\$ 306.00	
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ 60.00	\$ 5,520.00	92	Each	\$ 60.00	\$ 5,520.00	
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ 60.00	\$ 3,000.00	50	Each	\$ 60.00	\$ 3,000.00	

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Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00	640	Each	\$ 2.75	\$ 1,760.00	
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00	1700	Each	\$ 8.90	\$ 15,130.00	
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00	4	Each	\$ 704.00	\$ 2,816.00	
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00	4	Each	\$ 495.00	\$ 1,980.00	
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50	18	Each	\$ 109.75	\$ 1,975.50	
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00	76	Each	\$ 18.00	\$ 1,368.00	
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00	25	Each	\$ 18.00	\$ 450.00	
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75	3	Each	\$ 18.25	\$ 54.75	
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40	210	Sq. Yd.	\$ 2.04	\$ 428.40	
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00	3864	Cu. Yd.	\$ 27.25	\$ 105,294.00	
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ 39.00	\$ 13,845.00	355	Sq. Yd.	\$ 39.00	\$ 13,845.00	
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ 17.50	\$ 37,800.00	2160	Sq. Yd.	\$ 17.50	\$ 37,800.00	
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ 40.00	\$ 5,640.00	141	Sq. Yd.	\$ 40.00	\$ 5,640.00	
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ 42.00	\$ 69,552.00	1656	Cu. Yd.	\$ 42.00	\$ 69,552.00	
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ 60.00	\$ 48,000.00	800	Sq. Yd.	\$ 60.00	\$ 48,000.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ 28.50	\$ 64,125.00	2250	Sq. Yd.	\$ 28.50	\$ 64,125.00	
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ 77.00	\$ 11,550.00	150	Sq. Yd.	\$ 77.00	\$ 11,550.00	
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ 75.00	\$ 7,500.00	100	Sq. Yd.	\$ 75.00	\$ 7,500.00	
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ 4.50	\$ 1,215.00	270	Gallon	\$ 4.50	\$ 1,215.00	
106	408	Link Seal	4.	Each	\$ 43.00	\$ 172.00	4	Each	\$ 43.00	\$ 172.00	
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ 3.50	\$ 2,138.50	611	Sq. Yd.	\$ 3.50	\$ 2,138.50	
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ 2.50	\$ 17,835.00	7134	Sq. Yd.	\$ 2.50	\$ 17,835.00	
109	502	Pile Tip	91.	Each	\$ 172.50	\$ 15,697.50	91	Each	\$ 172.50	\$ 15,697.50	
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ 86.00	\$ 415,552.00	4832	Lin. Ft.	\$ 86.00	\$ 415,552.00	
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	452	Facial Sq. Ft.	\$ 57.00	\$ 25,764.00	
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ 85.00	\$ 30,175.00	355	Cu. Yd.	\$ 85.00	\$ 30,175.00	
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ 88.00	\$ 10,824.00	123	Cu. Yd.	\$ 88.00	\$ 10,824.00	
114	509	Sump Access Hatch	1.	Each	\$ 3,107.00	\$ 3,107.00	1	Each	\$ 3,107.00	\$ 3,107.00	
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ 416.00	\$ 1,248.00	3	Each	\$ 416.00	\$ 1,248.00	

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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ 294.00	\$ 82,026.00	279	Lin. Ft.	\$ 294.00	\$ 82,026.00	
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ 165.00	\$ 62,535.00	379	Lin. Ft.	\$ 165.00	\$ 62,535.00	
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ 28.00	\$ 17,276.00	617	Sq. Yd.	\$ 28.00	\$ 17,276.00	
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ 85.00	\$ 36,890.00	434	Sq. Yd.	\$ 85.00	\$ 36,890.00	
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ 21.00	\$ 14,910.00	710	Lin. Ft.	\$ 21.00	\$ 14,910.00	
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ 27.00	\$ 4,023.00	149	Lin. Ft.	\$ 27.00	\$ 4,023.00	
122	601	Sump Access Precast Riser	1.	Each	\$ 2,500.00	\$ 2,500.00	1	Each	\$ 2,500.00	\$ 2,500.00	
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ 950.00	\$ 510,150.00	537	Cu. Yd.	\$ 950.00	\$ 510,150.00	
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ 850.00	\$ 259,250.00	305	Cu. Yd.	\$ 850.00	\$ 259,250.00	
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ 2.75	\$ 18,557.00	6748	Sq. Ft.	\$ 2.75	\$ 18,557.00	
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ 3.00	\$ 20,244.00	6748	Sq. Ft.	\$ 3.00	\$ 20,244.00	
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ 200.00	\$ 2,400.00	12	Each	\$ 200.00	\$ 2,400.00	
128	602	Reinforcing Steel	86,639.	Pound	\$ 2.00	\$ 173,278.00	86639	Pound	\$ 2.00	\$ 173,278.00	
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ 2.50	\$ 122,435.00	48974	Pound	\$ 2.50	\$ 122,435.00	
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28.	Lin. Ft.	\$ 122.00	\$ 3,416.00	28	Lin. Ft.	\$ 122.00	\$ 3,416.00	
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ 100.00	\$ 100.00	1	Each	\$ 100.00	\$ 100.00	



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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ 7.00	\$ 6,825.00	975	Lin. Ft.	\$ 7.00	\$ 6,825.00	
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ 4.00	\$ 1,900.00	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ 200.00	\$ 1,000.00	5	Each	\$ 200.00	\$ 1,000.00	
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ 31.00	\$ 16,213.00	523	Sq. Yd.	\$ 31.00	\$ 16,213.00	
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ 32.00	\$ 10,080.00	315	Sq. Yd.	\$ 32.00	\$ 10,080.00	
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ 700.00	\$ 2,100.00	3	Each	\$ 700.00	\$ 2,100.00	
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ 230.00	\$ 2,530.00	11	Sq. Yd.	\$ 230.00	\$ 2,530.00	
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ 65.00	\$ 520.00	8	Sq. Yd.	\$ 65.00	\$ 520.00	
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ 35.00	\$ 1,400.00	40	Lin. Ft.	\$ 35.00	\$ 1,400.00	
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ 8.80	\$ 1,848.00	210	Lin. Ft.	\$ 8.80	\$ 1,848.00	
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ 2.20	\$ 2,899.60	1318	Lin. Ft.	\$ 2.20	\$ 2,899.60	
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ 11.00	\$ 3,047.00	277	Lin. Ft.	\$ 11.00	\$ 3,047.00	

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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ 8.80	\$ 3,115.20	354	Lin. Ft.	\$ 8.80	\$ 3,115.20	
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ 11.00	\$ 110.00	10	Lin. Ft.	\$ 11.00	\$ 110.00	
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ 389.50	\$ 1,558.00	4	Each	\$ 389.50	\$ 1,558.00	
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ 104.50	\$ 418.00	4	Each	\$ 104.50	\$ 418.00	
148	613	Type One Pull Box	22.	Each	\$ 924.00	\$ 20,328.00	22	Each	\$ 924.00	\$ 20,328.00	
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ 1,959.00	\$ 1,959.00	1	Each	\$ 1,959.00	\$ 1,959.00	
150	613	Wiring	1.	Lump Sum	\$ 33,058.00	\$ 33,058.00	1	Lump Sum	\$ 33,058.00	\$ 33,058.00	
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ 3,946.00	\$ 55,244.00	14	Each	\$ 3,946.00	\$ 55,244.00	
152	613	Light Standard Foundation (Special)	14.	Each	\$ 2,152.00	\$ 30,128.00	14	Each	\$ 2,152.00	\$ 30,128.00	
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ 71,809.00	\$ 71,809.00	1	Each	\$ 71,809.00	\$ 71,809.00	
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00	1	Each	\$ 850.00	\$ 850.00	
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00	4779	Sq. Ft.	\$ 94.00	\$ 449,226.00	
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00	14	Lin. Ft.	\$ 99.00	\$ 1,386.00	
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00	50	Lin. Ft.	\$ 89.00	\$ 4,450.00	
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00	2	Each	\$ 275.00	\$ 550.00	

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			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ 153.00	\$ 1,224.00	8	Each	\$ 153.00	\$ 1,224.00	
160	620	Portable Sanitary Facility	1.	Each	\$ 4,000.00	\$ 4,000.00	1	Each	\$ 4,000.00	\$ 4,000.00	
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ 7.32	\$ 1,317.60	180	Lin. Ft.	\$ 7.32	\$ 1,317.60	
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ 3.85	\$ 411.95	107	Lin. Ft.	\$ 3.85	\$ 411.95	
163	623	Power Source Wire	25.	Lin. Ft.	\$ 5.50	\$ 137.50	25	Lin. Ft.	\$ 5.50	\$ 137.50	
164	623	Irrigation Controller	1.	Each	\$ 6,455.00	\$ 6,455.00	1	Each	\$ 6,455.00	\$ 6,455.00	
165	623	3 Inch HDPE Mainline	460.	Lin. Ft.	\$ 17.35	\$ 7,981.00	460	Lin. Ft.	\$ 17.35	\$ 7,981.00	
166	623	Manual Drain Valve	1.	Each	\$ 332.00	\$ 332.00	1	Each	\$ 332.00	\$ 332.00	
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ 398.50	\$ 797.00	2	Each	\$ 398.50	\$ 797.00	
168	623	1 inch Automatic Control Valve	1.	Each	\$ 697.90	\$ 697.90	1	Each	\$ 697.90	\$ 697.90	
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ 778.00	\$ 1,556.00	2	Each	\$ 778.00	\$ 1,556.00	
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ 0.83	\$ 269.75	325	Lin. Ft.	\$ 0.83	\$ 269.75	
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ 713.00	\$ 713.00	1	Lump Sum	\$ 713.00	\$ 713.00	
172	623	Grounding LSLP Surge Protector	1.	Each	\$ 411.00	\$ 411.00	1	Each	\$ 411.00	\$ 411.00	
173	623	Jumbo Valve Box	2.	Each	\$ 81.00	\$ 162.00	2	Each	\$ 81.00	\$ 162.00	
174	623	Isolation Valves	2.	Each	\$ 1,758.00	\$ 3,516.00	2	Each	\$ 1,758.00	\$ 3,516.00	
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ 3.00	\$ 1,350.00	450	Lin. Ft.	\$ 3.00	\$ 1,350.00	
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ 3.15	\$ 488.25	155	Lin. Ft.	\$ 3.15	\$ 488.25	
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ 30.00	\$ 300.00	10	Each	\$ 30.00	\$ 300.00	
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ 17.90	\$ 143.20	8	Each	\$ 17.90	\$ 143.20	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>				<u>Revised</u>				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ 1.25	\$ 2,661.25	2129	Lin. Ft.	\$ 1.25	\$ 2,661.25	
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ 0.83	\$ 506.30	610	Each	\$ 0.83	\$ 506.30	
181	623	Tree Ring Assembly	18.	Each	\$ 58.38	\$ 1,050.84	18	Each	\$ 58.38	\$ 1,050.84	
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ 62.00	\$ 310.00	5	Each	\$ 62.00	\$ 310.00	
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ 660.00	\$ 660.00	1	Lump Sum	\$ 660.00	\$ 660.00	
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ 8.75	\$ 1,330.00	152	Lin. Ft.	\$ 8.75	\$ 1,330.00	
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ 10.00	\$ 200.00	20	Lin. Ft.	\$ 10.00	\$ 200.00	
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ 8.00	\$ 1,600.00	200	Lin. Ft.	\$ 8.00	\$ 1,600.00	
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	1	Lump Sum	\$ 45,000.00	\$ 45,000.00	
188	626	Mobilization	1.	Lump Sum	\$ 300,000.00	\$ 300,000.00	1	Lump Sum	\$ 300,000.00	\$ 300,000.00	
189	627	Epoxy Pavement Marking	6.	Gallon	\$ 688.00	\$ 4,128.00	6	Gallon	\$ 688.00	\$ 4,128.00	
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00	160	Sq. Ft.	\$ 33.00	\$ 5,280.00	
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00	268	Sq. Ft.	\$ 27.50	\$ 7,370.00	
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00	1	Each	\$ 3,000.00	\$ 3,000.00	
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00	1	Lump Sum	\$ 138.00	\$ 138.00	
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00	1	Lump Sum	\$ 44,220.00	\$ 44,220.00	
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00	90	Day	\$ 110.00	\$ 9,900.00	
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00	800	Hour	\$ 27.50	\$ 22,000.00	

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342  
Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00	1	Lump Sum	\$ 6,358.00	\$ 6,358.00	
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00	1	Each	\$ 200.00	\$ 200.00	
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00	1	Lump Sum	\$ 25,000.00	\$ 25,000.00	
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00	1030	Lin. Ft.	\$ 10.00	\$ 10,300.00	
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00	510	Lin. Ft.	\$ 9.00	\$ 4,590.00	
202	SP	F/A Furnish & Install Electrical Service (Do not add to total bid amount) (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	12,000.00	-----	Force Account	\$ 12,000.00	12,000.00	
203	SP	F/A Sprinklers (At Golden Gate Gas Station) (Do not add to total bid amount) (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	5,000.00	-----	Force Account	\$ 5,000.00	5,000.00	
204		<b>Change Order No. 1</b>									
CO-1		<b>Cold-Weather Concrete Curing per Work Change Request #5</b>					<b>38 Day</b>	<b>\$ 2,500.00</b>	<b>\$ 95,000.00</b>	<b>\$ 95,000.00</b>	
MCR		Minor Contract Revisions	---	---	\$ 150,000.00	\$ 150,000.00	---	---	\$ 150,000.00	\$ 150,000.00	\$ 0.00
TOTALS:					\$ 4,750,668.34	\$ 4,750,668.34			\$ 4,845,668.34	\$ 4,845,668.34	\$ 95,000.00

**G Road Bridge Replacement Project -- City P.O. No. 2021-0000342**  
**Change Order No. 2**

December 17, 2021

Item No.	CDOT, City Ref.	Description	<u>Current Contract [1]</u>			<u>Revised</u>			Change		
			Quantity	Units	Unit Price	Extended Price	Quantity	Units		Unit Price	Extended Price
---	---	Construction Period [1]	250	Cal. Days	---	---	250	Cal. Days	---	---	-

[x] - See Change Order No. "x"

# REQUEST FOR ADJUSTMENT

This form shall be used by the Contractor to submit in writing a request for an adjustment of Contract Time or Contract Price. Basis for proposed adjustments may be Extra Work in conjunction with an emergency, changed conditions, Engineer's interpretations, a Work Change Request, or some other condition. Requests for adjustment shall not be valid unless they are submitted to the Engineer:

- 1) within two Working Days of the Emergency or discovery of changed conditions which resulted or may result in Additional Work; or
- 2) within five Working Days after the effective date of a Field Order or Work Change Request, or other events that the Contractor believes merits an adjustment.

Project:

To: City of Grand Junction  
Project Manager

From:

Description of:  Completed Work  Directed Work  Proposed Work for which a claim is being made  
(attach additional documents as required):

Due to delays with utility relocations, we are now performing our structural concrete in the winter months. The following clarification of costs is requested. Cold weather concrete placement daily cost breakdown: We are requesting \$2,500.00 per day to protect/heat newly poured concrete structures during inclement weather months as needed. We assume (3) three days of heating per pour and protecting our form work/rebar placement during construction. ie: one pour will have 3 days @ \$2,500.00 per day. Charged to cover all costs to protect the structure during and after the pour. 24/7 watchman during heating periods.

Cost breakdown per day: 1. Labor/mangement: 35 mh's per day @ \$38.00 per hour \$1,330.00

2. Purchase and use of blankets, visqueen and other needed materials to construct tents for enclosed heating systems per pour \$700.00

3. Purchase Propane, electrical costs, generator as needed \$470.00

Daily total - \$2,500.00

Total cost of change not to exceed \$95,000.00 For all Pours

Proposed method of payment (Reference is made to Article VIII of the General Contract Conditions regarding changes in work or contract price):

- Unit Price(s) in Bid Schedule  
 Unit Prices to be agreed upon and set forth in a Change Order  
 Cost plus 15%  
 Lump Sum to be agreed upon and set forth in a Change Order

Total price of adjustment: \$95,000.00 not to exceed

(Attach additional sheets for price justification based on proposed method of payment.)

Proposed Adjustment in Contract Time: TBD at a later date

The Contractor acknowledges that the proposed method of Contract Price change and Contract Time adjustment are proposed only and are not binding.

Lee Owner/President 12/10/2021  
Contractor's representative Title Date

## WORK CHANGE REQUEST #5

The Engineer may desire to make a change in the Work described in the Contract Documents. This form shall be used to inform the Contractor of desired changes, and to direct the Contractor to submit a Request for Adjustment. If the time required for preparation and execution of a formal Change Order would result in delay or stoppage of the Work, or would allow a hazardous condition to exist, the Engineer may authorize and direct the Contractor to proceed with the changes described.

Project: **G Road Bridge Replacement Project**

To: Con-Sy Inc.

From: City of Grand Junction

Date: December 6, 2021

Description of and justifications for change (attach supporting documents if necessary)

Work Change Request #5 is for Con-Sy to provide cold weather concrete protection for when the ambient temperature is below 35°F during concrete curing. Cold weather concrete curing and protection shall follow CDOT specification Section 601, subsection 601.13. The City would like to handle the cold weather concrete curing on a "per Day" basis with a cost not to exceed dollar amount. Please provide in a Request for Adjustment a Cost not to Exceed dollar amount with the estimated cost per Day for cold weather concrete curing. The Cost not to Exceed amount and the per Day cost shall include all labor, materials, fuel, blankets, electricity, heating devices, framework, thermometers, and other necessary equipment to keep the curing concrete at 50°F minimum. The per Day cost will help the City keep track of

Recommended method of payment (Reference is made to Section VIII of the General Conditions):

- Unit Price(s) in Bid Schedule  
 Unit Price(s) to be agreed upon and set forth in a Change Order or included under the Force Account Item  
 Actual cost plus overhead and profit (Time & Materials)  
 Lump Sum to be agreed upon and set forth in a Change Order or included under the Force Account Item

Recommended adjustment in Contract Time: **To be determined at later date.**

- Contractor is directed to submit a Request for Adjustment for but not proceed with the proposed changes described above.  
 Contractor is directed to submit a Request for Adjustment and is authorized to proceed with the changes described above.

Lee Cooper, Project Engineer

Date

12/6/2021

The Contractor acknowledges:

- that this is not a formal Change Order;
- that recommended methods of Contract Price and Contract Time adjustment are not binding;
- that a formal Change Order shall follow if changes are to be made;
- that any additional work performed by the Contractor unless directed otherwise above shall be at his expense, for which compensation is not due and will not be paid; and
- that a Request for Adjustment for the above changed work must be submitted within five Working Days.

Contractor's representative

Title

Date



# WORK CHANGE REQUEST

(Continued)

Project: **G Road Bridge Replacement Project**

6-Dec-21

To: Con-Sy Inc.

From: City of Grand Junction

Page 2 of 2

Description of and justifications for change (continued)

the costs of the Not to Exceed amount. At this time, it's hard to estimate what the adjustment in Contract Time should be. The City proposes that the City and Con-Sy revisit the adjustment in Contract Time in the later part of winter 2022 to determine how many/if any additional calendar days are needed to be added into the contract. Originally, the structural concrete component on this project was not intended to be constructed during the winter months; however, due to project delays the concrete work will be done during the winter months resulting in the requirement to protect the concrete while it cures in a temperature controlled environment that is at least 50°F or warmer.

# CHANGE ORDER

Number 1

Date: October 6, 2021  
To: Con-Sy Inc.  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: **G Road Bridge Replacement Project**  
P.O.: **2021-00000342**

It is agreed to modify the Contract for the Project as follows:

Change Order #1 adds 70 calendar days to the Contract. Due to the Xcel Energy gas line relocations taking close to two months to complete, Con-Sy requested an additional 65 calendar days be added to the contract to account for the lost time Con-Sy wasn't able to work on critical path items due to the gas line relocations. An additional 5 calendar days has been added to Con-Sy 65 calendar day extension due to rain days when Con-Sy wasn't able to work.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$4,750,668.34
Approved Change Orders	0.00
This Change Order	0.00
Revised Contract Amount	<u>\$4,750,668.34</u>

Summary of Contract time adjustments:

Original Contract Time	180.	Cal. Days
Approved Change Orders	0.	
This Change Order	70.	
Revised Contract Time	<u>250.</u>	Cal. Days

Construction Start Date: July 20, 2021  
Contract Completion Date: March 26, 2022

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

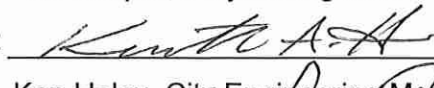
Owner: **City of Grand Junction**

Prepared by:

  
Lee Cooper, Project Engineer

Date: 10/6/2021

Recommended by:

  
Ken Haley, City Engineering Manager

Date: 10/6/2021

Approved by:

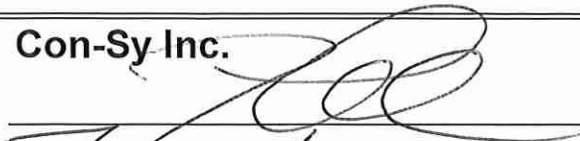
  
Trent Prall, Director of Public Works

Date: 10/11/2021

Contractor:

**Con-Sy Inc.**

Signature:

  
Name and Title: THOMAS LEE

Date: 10/11/21

## **CHANGE ORDER REQUEST**

*Project: G Road Bridge Replacement Project*

*Date: 9/22/2021*

*To: Lee Cooper*

*From: Wayne Balderston/Tom Lee*

### **Change order request: #01**

#### *Description/Reason for Request*

*Per our conversation Con-Sy Inc. is requesting additional 65 day extension to our contract time. Per the original project schedule we were to have access to our critical path items within two weeks of the July 20<sup>th</sup> (notice to proceed), the city's utility subcontractors have been on site performing the re-routing of the shallow utilities within the same ROW we will utilize to install our utilities since the week of July 20<sup>th</sup>, it appears at this time they will be completed the week of September 27<sup>th</sup> enabling Con-Sy Inc. to start our critical path work on October 4<sup>th</sup>.*

*We had also discussed a substantial change forthcoming in the rebar quantity, girder delivery date due to the lengthy submittal process and cold weather work due to the hold up for two months pushing us into winter with most all of the concrete activities. Once we have a firm girder date and rebar quantity we will revisit the schedule at that time.*

*Lastly we had discussed a winter shut down to alleviate some cold weather costs, after discussions with our sub- contractors we feel that stopping will take us out of our pile driver subcontractors schedule, possibly pushing them into late spring at best, it seems continuing on is in the best interest of the project at this time.*

*If you have any questions in regards to this request, please don't hesitate to contact me.*

*Thank You,*

*Wayne Balderston*

*Project Superintendant*

*Con-Sy Inc.*



## NOTICE TO PROCEED

Date: July 19, 2021

Contractor: Con-Sy, Inc.

Project: G Road Bridge Replacement Project IFB-4914-21-DH

In accordance with the contract dated June 17, 2021 the Contractor is hereby notified to begin work on the Project on or before July 20, 2021.

The date of final completion as determined is 180 calendar days from the start date of this Notice to Proceed.

### CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:  
*Duane Hoff Jr., Senior Buyer - City of Grand Junction*  
9F789E7050F12BC  
Duane Hoff Jr., Senior Buyer

Receipt of this Notice to Proceed is hereby acknowledged:

Contractor: CON-SY INC

By: DocuSigned by:  
*Thomas Lee - Owner/President, Con-Sy, Inc.*  
41CBEE9B468D423...

Print Name: Thomas Lee - Owner/President, Con-Sy, Inc.

Title: Owner/President Con-Sy Inc

Date: 7/19/2021 | 12:05 PDT



**NOTICE OF AWARD**

Date: June 17, 2021  
Company: Con-Sy, Inc.  
Project: G Road Bridge Replacement Project IFB-4914-21-DH

---

You have been awarded the City of Grand Junction G Road Bridge Replacement Project IFB-4914-21-DH for a total price of **\$4,750,668.34**.

Please notify Lee Cooper, City of Grand Junction Project Engineer 970-256-4155 for delivery schedule and return to the City Purchasing Division an acknowledged copy of this Notice of Award.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:  
*Duane Hoff Jr., Senior Buyer - City of Grand Junction*  
Duane Hoff Jr., Senior Buyer

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**SUPPLIER ACKNOWLEDGEMENT**

Receipt of this Notice to Award is hereby acknowledged:

Company: CON-SY INC  
By: *Thomas Lee - Owner/President, Con-Sy, Inc.*  
Title: Owner/President Con-Sy Inc  
Date: 6/17/2021 | 13:33 PDT

---



CITY OF GRAND JUNCTION, COLORADO

\*\*\*\*\*

**CONTRACT**

This CONTRACT made and entered into this 17<sup>th</sup> day of June, 2021 by and between the **City of Grand Junction, Colorado**, a government entity in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "Owner" and **Con-Sy, Inc.** hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner advertised that sealed Bids would be received for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as **G Road Bridge Replacement Project IFB-4914-21-DH.**

WHEREAS, the Contract has been awarded to the above named Contractor by the Owner, and said Contractor is now ready, willing and able to perform the Work specified in the Notice of Award, in accordance with the Contract Documents;

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

ARTICLE 1

**Contract Documents:** It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

The order of contract document governance shall be as follows:

- a. The body of this contract agreement
- b. Solicitation Documents for the Project; **G Road Bridge Replacement Project (Note: Section 2.58 Non-Appropriation of Funds, "...Colorado Statues..." shall be replaced with "...Colorado law...")**;
- c. Notice of Award
- d. Contractors Response to the Solicitation

- e. Work Change Requests (directing that changed work be performed);
- f. Field Orders
- g. Change Orders.

## ARTICLE 2

Definitions: The clauses provided in the Solicitation apply to the terms used in the Contract and all the Contract Documents.

## ARTICLE 3

Contract Work: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Work described, set forth, shown, and included in the Contract Documents as indicated in the Solicitation Document.

## ARTICLE 4

Contract Time and Liquidated Damages: Time is of the essence with respect to this Contract. The Contractor hereby agrees to commence Work under the Contract on or before the date specified in the Solicitation from the Owner, and to achieve Substantial Completion and Final Completion of the Work within the time or times specified in the Solicitation. In the event the Work is not completed in the times set forth and as agreed upon, the Contractor further agrees to pay Liquidated Damages to the Owner as set forth in the Solicitation. The Contractor acknowledges and recognizes the delays, expenses and difficulties involved in proving in a legal proceeding the actual losses suffered by the Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, the Owner and the Contractor agree that as Liquidated Damages for delay, but not as a penalty, the Contractor shall pay to the Owner the amounts specified in the Solicitation.

## ARTICLE 5

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Work specified in the Contract Documents, the sum of **Four Million Seven Hundred Fifty Thousand Six Hundred Sixty-Eight and 34/100 Dollars (\$4,750,668.34)**. If this Contract contains unit price pay items, the Contract Price shall be adjusted in accordance with the actual quantities of items completed and accepted by the Owner at the unit prices quoted in the Solicitation Response. The amount of the Contract Price is and has heretofore been appropriated by the Grand Junction City Council for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the Owner. The Owner shall not issue a Change Order or other written directive which requires additional work to be performed, which work causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the Owner provides Contractor written assurance that lawful appropriations to cover the costs of the additional work have been made.

Unless otherwise provided in the Solicitation, monthly partial payments shall be made as the Work progresses. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the Owner in accordance with the Solicitation.

Upon Final Completion of the Work under the Contract and before the Contractor shall receive final payment, the Owner shall publish at least twice in a newspaper of general circulation published in the County a notice that: 1. the Owner has accepted such Work as completed according to the Contract Documents; 2. the Contractor is entitled to final payment therefore; 3. thirty days after the first publication, specifying the exact date, the Owner shall pay the full balance due under the Contract; and 4. persons having claims for labor, materials, team hire, sustenance, provisions, provender, or other supplies used or consumed by the Contractor or a subcontractor shall file a verified statement of the amount due and unpaid on account of such claim prior to the date specified for such payment. Nothing herein shall be construed as relieving the Contractor and the Sureties on the Contractor's Bonds from any claim or claims for work or labor done or materials or supplies furnished in the execution of the Contract.

#### ARTICLE 6

Bonds: The Contractor shall furnish currently herewith the Bonds required by the Contract Documents, such Bonds being attached hereto. The Performance Bond shall be in an amount not less than one hundred percent (100%) of the Contract Price set forth in Article 5. The Payment Bond shall be in an amount not less than one hundred (100%) of the Contract Price set forth in Article 5.

#### ARTICLE 7

Contract Binding: The Owner and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the Owner and Contractor and may only be altered, amended or repealed by a duly executed written instrument. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the Contractor shall not assign any moneys due or to become due without the prior written consent of the Owner.

#### ARTICLE 8

Severability: If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be effected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, City of Grand Junction, Colorado, has caused this Contract to be subscribed and sealed and attested in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.



The Contract is executed in two counterparts.

**CITY OF GRAND JUNCTION, COLORADO**

DocuSigned by:  
By: Duane Hoff Jr., Senior Buyer - City of Grand Junction 6/18/2021 | 09:52 MDT  
Duane Hoff Jr., Senior Buyer Date

**Con-Sy, Inc.**

DocuSigned by:  
By: Thomas Lee - Owner/President, Con-Sy, Inc. 6/17/2021 | 13:33 PDT  
Thomas Lee - Owner/President, Con-Sy, Inc. Date



**Purchasing Division**

## **Invitation for Bid**

**IFB-4914-21-DH**

**G Road Bridge Replacement Project**

### **Responses Due:**

**May 27, 2021 prior to 3:00 pm**

**Accepting Electronic Responses Only**  
**Responses Only Submitted Through the Rocky Mountain E-Purchasing**  
**System (RMEPS)**

**<https://www.rockymountainbidsystem.com/default.asp>**

**(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor MUST contact RMEPS to resolve issue prior to the response deadline. 800-835-4603)**

**NOTE: All City solicitation openings will continue to be held virtually.**

### **Purchasing Representative:**

**Duane Hoff, Senior Buyer**

**[duaneh@gjcity.org](mailto:duaneh@gjcity.org)**

**970-244-1545**

This document has been developed specifically to solicit competitive responses for this solicitation, and may not be the same as previous City of Grand Junction solicitations. All vendors are urged to thoroughly review this solicitation prior to responding. Submittal by **FAX, EMAIL or HARD COPY IS NOT ACCEPTABLE** for this solicitation.

# **Invitation for Bids**

## **Table of Contents**

Section 1	Instruction to Bidders
Section 2	General Contract Conditions
Section 3	Statement of Work
Section 4	Contractor's Bid Form
	Price Proposal/Bid Schedule Form
Appendix A	Project Submittal Form
Appendix B	Project Manual <ul style="list-style-type: none"><li>• Project Special Provisions</li><li>• Ute Water Specifications</li><li>• Structural Specifications (by SGM)</li><li>• Landscape &amp; Irrigation Specifications (by C.R.A.)</li><li>• Electrical Specifications (by ACM Consulting)</li></ul>
Appendix C	Geotechnical Investigation Report by RockSol Consulting Group, Inc.
Appendix D	24 and G Road Pedestrian Underpass Groundwater Study by DOWL
Appendix E	Existing G Road Bridge As-Built Plans
	Construction Drawings Attached

## **1. Instructions to Bidders**

- 1.1. General Contractor/Bidder Pre-Qualification:** Due to the complexity, size, and scope of this project, the City has determined that a pre-qualification process is prudent to ensuring that the awarded bidder is both qualified and capable of successfully performing and completing the project. Therefore, in an effort to be respectful of the time and cost of General Contractors/Bidders putting together a bid packages for which they may not be qualified to perform, we are requiring that all General Contractors/Bidders intending to submit a bid response to this solicitation process, complete and submit the attached Pre-Qualification Application and all required documents to the City's Purchasing Agent (via e-mail [duaneh@gjcity.org](mailto:duaneh@gjcity.org)) no later than May 17, 2021 Each individual General Contractor/Bidder shall be notified of their pre-qualification status **no later than May 20, 2021.**

**NOTE:** Contractor may submit their pre-qualification application with "reviewed" financial statements for this specific project, in lieu of "audited" financial statements, if accompanied by a letter from surety stating/verifying that they have the bonding capacity to meet their submitted bid amount. CDOT pre-qualification will also be accepted in lieu of "audited" financial statements, and will also be accepted as "construction" experience/qualification as it would pertain to this project.

- 1.2. Purpose:** The City of Grand Junction is soliciting competitive bids from qualified and interested companies for all labor, equipment, and materials required for the **G Road Bridge Replacement Project**. All dimensions and scope of work should be verified by Contractors prior to submission of bids.

**IFB Questions:**

Duane Hoff, Senior Buyer  
[duaneh@gjcity.org](mailto:duaneh@gjcity.org)

The City would like to remind all Contractors, Sub-Contractors, Vendors, Suppliers, Manufacturers, Service Providers, etc. that (with the exception of Pre-Bid or Site Visit Meetings) all questions, inquiries, comments, or communication pertaining to any formal solicitation (whether process, specifications, scope, etc.) must be directed (in writing) to the Purchasing Agent assigned to the project, or Purchasing Division. Direct communication with the City assigned Project Managers/Engineers is not appropriate for public procurement, and may result in disqualification.

- 1.3. Mandatory Pre-Bid Meeting:** Prospective bidders are required to attend a mandatory pre-bid meeting on May 12, 2021 at 10:00 am. Meeting location shall be in the City Council Auditorium at City Hall, located at 250 North 5<sup>th</sup> Street, Grand Junction, CO. The purpose of this visit will be to inspect and to clarify the contents of this Invitation for Bids (IFB).
- 1.4. The Owner:** The Owner is the City of Grand Junction, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or his authorized representative.

- 1.5. **Procurement Process:** Procurement processes shall be governed by the most current version of the City of Grand Junction [Purchasing Policy and Procedure Manual](#).
- 1.6. **Submission:** *Each bid shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website (<https://www.rockymountainbidsystem.com/default.asp>). This site offers both "free" and "paying" registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration may take up to 24 hours to process. Please Plan accordingly.)* Please view our "Electronic Vendor Registration Guide" at <http://www.gjcity.org/business-and-economic-development/bids/> for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. **800-835-4603**)

Please join Solicitation Opening, IFB-4914-21-DH, G Road Bridge Replacement Project on GoToConnect from your computer using the Chrome browser.

<https://app.goto.com/meet/333715621>

You can also dial in using your phone.

US: (571) 317-3116

Access Code: 333-715-621

- 1.7. **Modification and Withdrawal of Bids Before Opening.** Bids may be modified or withdrawn by an appropriate document stating such, duly executed and submitted to the place where Bids are to be submitted at any time prior to Bid Opening.
- 1.8. **Printed Form for Price Bid:** All Price Bids must be made upon the Price Bid Schedule attached, and should give the amounts both in words and in figures, and must be signed and acknowledged by the bidder.

The Offeror shall specify a unit price in figures for each pay item for which a quantity is given and shall provide the products (in numbers) of the respective unit prices and quantities in the Extended Amount column. The total Bid price shall be equal to the sum of all extended amount prices. When an item in the Price Bid Schedule provides a choice to be made by the Offeror, Offeror's choice shall be indicated in accordance with the specifications for that particular item and thereafter no further choice shall be permitted.

Where the unit of a pay item is lump sum, the lump sum amount shall be shown in the "extended amount" column and included in the summation of the total Bid.

All blank spaces in the Price Bid Schedule must be properly filled out.

Bids by corporations must be executed in the corporate name by the president or vice president or other corporate office accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown below the signature.

Bids by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All names must be typed or printed below the signature.

The Offeror's Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Contractor's Bid Form.

The contact information to which communications regarding the Bid are to be directed must be shown.

- 1.9. Exclusions:** No oral, telephonic, emailed, or facsimile bid will be considered
- 1.10. Contract Documents:** The complete IFB and bidder's response compose the Contract Documents. Copies of bid documents can be obtained from the City Purchasing website, <http://www.gjcity.org/business-and-economic-development/bids/> .
- 1.11. Additional Documents:** The July 2010 edition of the "City Standard Contract Documents for Capital Improvements Construction", Plans, Specifications and other Bid Documents are available for review or download on the Public Works & Planning/Engineering page at [www.gjcity.org](http://www.gjcity.org). Electronic copies may be obtained on a CD format at the Department of Public Works and Planning at City Hall.
- 1.12. Definitions and Terms:** See Article I, Section 3 of the General Contract Conditions in the *Standard Contract Documents for Capital Improvements Construction*.
- 1.13. Examination of Specifications:** Bidders shall thoroughly examine and be familiar with the project Statement of Work. The failure or omission of any Offeror to receive or examine any form, addendum, or other document shall in no way relieve any Offeror from any obligation with respect to his bid. The submission of a bid shall be taken as evidence of compliance with this section. Prior to submitting a bid, each Offeror shall, at a minimum:
- a. Examine the *Contract Documents* thoroughly;
  - b. Visit the site to familiarize themselves with local conditions that may in any manner affect cost, progress, or performance of the Work;
  - c. Become familiar with federal, state, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress or performance of the Work;
  - d. Study and carefully correlate Bidder's observations with the *Contract Documents*, and;
  - e. Notify the Purchasing Agent of all conflicts, errors, ambiguities or discrepancies in or among the *Contract Documents* within the designated inquiry period.

On request, the Owner will provide each Offeror access to the site to conduct such investigations and tests as each Bidder deems necessary for submission of a Bid. It shall be the Offeror's responsibility to make or obtain any additional examinations,

investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (including without limitation, surface, subsurface and underground utilities) at or contiguous to the site or otherwise which may affect cost, progress or performance of the work and which the Offeror deems necessary to determine its Bid for performing the work in accordance with the time, price and other terms and conditions of the Contract Documents. Location of any excavation or boring made by Offeror shall be subject to prior approval of Owner and applicable agencies. Offeror shall fill all holes, restore all pavements to match the existing structural section and shall clean up and restore the site to its former condition upon completion of such exploration. The Owner reserves the right to require the Offeror to execute an access agreement with the Owner prior to accessing the site.

The lands upon which the Work is to be performed, rights of way, and access thereto, and other lands designated for use by Contractor in performing the Work, are identified on the Drawings.

Information and data reflected in the *Contract Documents* with respect to underground utilities at or contiguous to the site are based upon information and data furnished to the Owner and the Engineer by the owners of such underground utilities or others, and the Owner does not assume responsibility for the accuracy or completeness thereof, unless it is expressly provided otherwise in the *Contract Documents*.

By submission of a Bid, the Offeror shall be conclusively presumed to represent that the Offeror has complied with every requirement of these Instructions to Bidders, that the *Contract Documents* are not ambiguous and are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

- 1.14. Questions Regarding Statement of Work:** Any information relative to interpretation of Scope of Work or specifications shall be requested of the Purchasing Representative, in writing, in ample time, prior to the inquiry deadline.
- 1.15. Addenda & Interpretations:** If it becomes necessary to revise any part of this solicitation, a written addendum will be posted electronically on the City's website at <http://www.gjcity.org/business-and-economic-development/bids/>. The Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner, unless such clarification or change is provided in written addendum form from the City Purchasing Representative.
- 1.16. Taxes:** The Owner is exempt from State retail and Federal tax. The bid price must be net, exclusive of taxes.
- 1.17. Sales and Use Taxes:** The Contractor and all Subcontractors are required to obtain exemption certificates from the Colorado Department of Revenue for sales and use taxes in accordance with the provisions of the General Contract Conditions. Bids shall reflect this method of accounting for sales and use taxes on materials, fixtures and equipment.
- 1.18. Offers Binding 60 Days:** Unless additional time is required by the Owner, or otherwise specified, all formal offers submitted shall be binding for sixty (60) calendar days

following opening date, unless the Bidder, upon request of the Purchasing Representative, agrees to an extension.

- 1.19. Exceptions and Substitutions:** Bidders taking exception to the specifications and/or scope of work shall do so at their own risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Bidder must state these exceptions in the section pertaining to that area. Exception/substitution, if accepted, must meet or exceed the stated intent and/or specifications and/or scope of work. The absence of such a list shall indicate that the Bidder has not taken exceptions, and if awarded a contract, shall hold the Bidder responsible to perform in strict accordance with the specifications and/or scope of work contained herein.
- 1.20. Collusion Clause:** Each bidder by submitting a bid certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all bids shall be rejected if there is evidence or reason for believing that collusion exists among bidders. The Owner may, or may not, accept future bids for the same services or commodities from participants in such collusion.
- 1.21. Disqualification of Bidders:** A Bid will not be accepted from, nor shall a Contract be awarded to, any person, firm, or corporation that is in arrears to the Owner, upon debt or contract, or that has defaulted, as surety or otherwise, upon any obligation to the Owner, or that is deemed irresponsible or unreliable.

Bidders may be required to submit satisfactory evidence that they are responsible, have a practical knowledge of the project bid upon and that they have the necessary financial and other resources to complete the proposed Work.

Either of the following reasons, without limitation, shall be considered sufficient to disqualify a Bidder and Bid:

- a. More than one Bid is submitted for the same Work from an individual, firm, or corporation under the same or different name; and
  - b. Evidence of collusion among Bidders. Any participant in such collusion shall not receive recognition as a Bidder for any future work of the Owner until such participant has been reinstated as a qualified bidder.
- 1.22. Public Disclosure Record:** If the bidder has knowledge of their employee(s) or sub-contractors having an immediate family relationship with a City employee or elected official, the bidder must provide the Purchasing Representative with the name(s) of these individuals. These individuals are required to file an acceptable "Public Disclosure Record", a statement of financial interest, before conducting business with the City.

## **2. General Contract Conditions for Construction Projects**

- 2.1. The Contract:** This Invitation for Bid, submitted documents, and any negotiations, when properly accepted by the City, shall constitute a contract equally binding between the



City and Contractor. The contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral. The contract may be amended or modified with Change Orders, Field Orders, or Addendums.

- 2.2. The Work:** The term Work includes all labor necessary to produce the construction required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such construction.
- 2.3. Execution, Correlation, Intent, and Interpretations:** The Contract Documents shall be signed by the Owner (City) and Contractor. City will provide the contract. By executing the contract, the Contractor represents that he/she has visited the site, familiarized himself with the local conditions under which the Work is to be performed, and correlated his observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by any one, shall be as binding as if required by all. The intention of the documents is to include all labor, materials, equipment and other items necessary for the proper execution and completion of the scope of work as defined in the technical specifications and drawings contained herein. All drawings, specifications and copies furnished by the City are, and shall remain, City property. They are not to be used on any other project, and with the exception of one contract set for each party to the contract, are to be returned to the owner on request at the completion of the work.
- 2.4. The Owner:** The Owner is the City of Grand Junction, Colorado and is referred to throughout the Contract Documents. The term Owner means the Owner or his authorized representative. The Owner shall, at all times, have access to the work wherever it is in preparation and progress. The Contractor shall provide facilities for such access. The Owner will make periodic visits to the site to familiarize himself generally with the progress and quality of work and to determine, in general, if the work is proceeding in accordance with the contract documents. Based on such observations and the Contractor's Application for Payment, the Owner will determine the amounts owing to the Contractor and will issue Certificates for Payment in such amounts, as provided in the contract. The Owner will have authority to reject work which does not conform to the Contract documents. Whenever, in his reasonable opinion, he considers it necessary or advisable to insure the proper implementation of the intent of the Contract Documents, he will have authority to require the Contractor to stop the work or any portion, or to require special inspection or testing of the work, whether or not such work can be then be fabricated, installed, or completed. The Owner will not be responsible for the acts or omissions of the Contractor, and sub-Contractor, or any of their agents or employees, or any other persons performing any of the work.
- 2.5. Contractor:** The Contractor is the person or organization identified as such in the Agreement and is referred to throughout the Contract Documents. The term Contractor means the Contractor or his authorized representative. The Contractor shall carefully study and compare the General Contract Conditions of the Contract, Specifications and Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency or omission he may discover. Contractor shall not be liable to the Owner for any damage resulting from such errors, inconsistencies or

omissions. The Contractor shall not commence work without clarifying Drawings, Specifications, or Interpretations.

- 2.6. Sub-Contractors:** A sub-contractor is a person or organization who has a direct contract with the Contractor to perform any of the work at the site. The term sub-contractor is referred to throughout the contract documents and means a sub-contractor or his authorized representative.
- 2.7. Award of Sub-Contractors & Other Contracts for Portions of the Work:** Contractor shall submit with their bid response to the Owner, in writing for acceptance, a list of the names of the sub-contractors or other persons or organizations proposed for such portions of the work as may be designated in the proposal requirements, or, if none is so designated, the names of the sub-contractors proposed for the principal portions of the work. Prior to the award of the contract, the Owner shall notify the successful Contractor in writing if, after due investigation, has reasonable objection to any person or organization on such list. If, prior to the award of the contract, the Owner has a reasonable and substantial objection to any person or organization on such list, and refuses in writing to accept such person or organization, the successful Contractor may, prior to the award, withdraw their proposal without forfeiture of proposal security. If the successful Contractor submits an acceptable substitute with an increase in the proposed price to cover the difference in cost occasioned by the substitution, the Owner may, at their discretion, accept the increased proposal or may disqualify the Contractor. If, after the award, the Owner refuses to accept any person or organization on such list, the Contractor shall submit an acceptable substitute and the contract sum shall be increased or decreased by the difference in cost occasioned by such substitution and an appropriate Change Order shall be issued. However, no increase in the contract sum shall be allowed for any such substitution unless the Contractor has acted promptly and responsively in submitting a name with respect thereto prior to the award.
- 2.8. Quantities of Work and Unit Price:** Materials or quantities stated as unit price items in the Bid are supplied only to give an indication of the general scope of the Work, and are as such, estimates only. The Owner does not expressly or by implication agree that the actual amount of Work or material will correspond therewith, and reserves the right after award to increase or decrease the quantity of any unit item of the Work without a change in the unit price except as set forth in Article VIII, Section 70 of the *General Contract Conditions*. The City also reserves the right to make changes in the Work (including the right to delete any bid item in its entirety or add additional bid items) as set forth in Article VIII, Sections 69 through 71 of the *General Contract Conditions*.
- 2.9. Substitutions:** The materials, products and equipment described in the *Solicitation Documents* shall be regarded as establishing a standard of required performance, function, dimension, appearance, or quality to be met by any proposed substitution. No substitution will be considered prior to receipt of Bids unless the Offeror submits a written request for approval to the City Purchasing Division at least ten (10) days prior to the date for receipt of Bids. Such requests for approval shall include the name of the material or equipment for which substitution is sought and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for evaluation, including samples if requested. The Offeror shall set forth changes in other materials, equipment, or other portions of the Work including changes

of the work of other contracts, which incorporation of the proposed substitution would require to be included. The Owner's decision of approval or disapproval of a proposed substitution shall be final. If the Owner approves a proposed substitution before receipt of Bids, such approval will be set forth in an Addendum. Offerors shall not rely upon approvals made in any other manner.

- 2.10. Supervision and Construction Procedures:** The Contractor shall supervise and direct the work, using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the work under the contract.
- 2.11. Warranty:** The Contractor warrants to the Owner that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All work not so conforming to these standards may be considered defective. If required by Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If within ten (10) days after written notice to the Contractor requesting such repairs or replacement, the Contractor should neglect to make or undertake with due diligence to the same, the City may make such repairs or replacements. All indirect and direct costs of such correction or removal or replacement shall be at the Contractor's expense. The Contractor will also bear the expenses of making good all work of others destroyed or damaged by the correction, removal or replacement of his defective work.
- 2.12. Permits, Fees, & Notices:** The Contractor shall secure and pay for all permits, governmental fees and licenses necessary for the proper execution and completion of the work. The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and orders of any public authority bearing on the performance of the work. If the Contractor observes that any of the Contract Documents are at variance in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be adjusted by approximate modification. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility and shall bear all costs attributable.
- 2.13. Responsibility for Those Performing the Work:** The Contractor shall be responsible to the Owner for the acts and omissions of all his employees and all sub-contractors, their agents and employees, and all other persons performing any of the work under a contract with the Contractor.
- 2.14. Use of the Site:** The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the site with any materials or equipment.
- 2.15. Cleanup:** The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by his operations. At the completion of work he shall remove all his waste materials and rubbish from and about the project, as well as all his tools, construction equipment, machinery and surplus materials.

- 2.16. Insurance:** The Contractor shall secure and maintain such insurance policies as will provide the coverage and contain other provisions specified in the General Contract Conditions, or as modified in the Special Contract Conditions.

The Contractor shall file a copy of the policies or Certificates of Insurance acceptable to the City with the Engineer within ten (10) Calendar Days after issuance of the Notice of Award. These Certificates of Insurance shall contain a provision that coverage afforded under the policies shall not be canceled unless at least thirty (30) Calendar Days prior written notice has been given to the City.

- 2.17. Indemnification:** The Contractor shall defend, indemnify and save harmless the Owner, and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Contractor, or of any Contractor's agent, employee, sub-contractor or supplier in the execution of, or performance under, any contract which may result from proposal award. Contractor shall pay any judgment with cost which may be obtained against the Owner growing out of such injury or damages.

- 2.18. Miscellaneous Conditions: Material Availability:** Contractors must accept responsibility for verification of material availability, production schedules, and other pertinent data prior to submission of bid. It is the responsibility of the bidder to notify the Owner immediately if materials specified are discontinued, replaced, or not available for an extended period of time. **OSHA Standards:** All bidders agree and warrant that services performed in response to this invitation shall conform to the standards declared by the US Department of Labor under the Occupational Safety and Health Act of 1970 (OSHA). In the event the services do not conform to OSHA standards, the Owner may require the services to be redone at no additional expense to the Owner.

- 2.19. Time:** Time is of the essence with respect to the time of completion of the Project and any other milestones or deadline which are part of the Contract. It will be necessary for each Bidder to satisfy the City of its ability to complete the Work within the Contract Time set forth in the Contract Documents. The Contract Time is the period of time allotted in the Contract Documents for completion of the work. The date of commencement of the work is the date established in a Notice to Proceed. If there is no Notice to Proceed, it shall be the date of the Contract or such other date as may be established therein, or as established as entered on the Bid Form. The Date of Final Completion of the work is the date certified by the Owner when all construction, and all other work associated to include, but not be limited to: testing, QA/QC, receipt of required reports and/or forms, grant requirements (if applicable), punch list items, clean-up, receipt of drawings and/or as-builts, etc., is fully complete, and in accordance with the Contract Documents.

- 2.20. Progress & Completion:** The Contractor shall begin work on the date of commencement as defined in the Contract and shall carry the work forward expeditiously with adequate forces and shall complete it within the contract time.

- 2.21. Payment & Completion:** The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Contractor for the performance of the work under

the Contract Documents. Upon receipt of written notice that the work is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when he finds the work acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents.

- 2.22. Bid Bond:** Each Bid shall as a guaranty of good faith on the part of the Bidder be accompanied by a Bid Guaranty consisting of: a certified or cashier's check drawn on an approved national bank or trust company in the state of Colorado, and made payable without condition to the City; or a **Bid Bond** written by an approved corporate surety in favor of the City. The amount of the Bid Guaranty shall not be less than 5% of the total Bid amount. Once a Bid is accepted and a Contract is awarded, the apparent successful bidder has ten calendar days to enter into a contract in the form prescribed and to furnish the bonds with a legally responsible and approved surety. Failure to do so will result in forfeiture of the Bid Guaranty to the City as Liquidated Damages.

Each bidder shall guaranty its total bid price for a period of sixty (60) Calendar Days from the date of the bid opening.

- 2.23. Performance & Payment Bonds:** Contractor shall furnish a Performance and a Payment Bond, each in an amount at least equal to that specified for the contract amount as security for the faithful performance and payment of all Contractor's obligations under the Contract Documents. These bonds shall remain in effect for the duration of the Warranty Period (as specified in the Special Conditions). Contractor shall also furnish other bonds that may be required by the Special Conditions. All bonds shall be in the forms prescribed by the Contract Documents and be executed by such sureties as (1) are licensed to conduct business in the State of Colorado and (2) are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Accounts, U.S. Treasury Department. All bonds signed by an agent must be accompanied by a certified copy of the Authority Act. If the surety on any bond furnished by the Contractor is declared bankrupt, or becomes insolvent, or its rights to do business in Colorado are terminated, or it ceases to meet the requirements of clauses (1) and (2) of this section, Contractor shall within five (5) days thereafter substitute another bond and surety, both of which shall be acceptable to the City.

- 2.24. Retention:** The Owner will deduct money from the partial payments in amounts considered necessary to protect the interest of the Owner and will retain this money until after completion of the entire contract. The amount to be retained from partial payments will be five (5) percent of the value of the completed work, and not greater than five (5) percent of the amount of the Contract. When the retainage has reached five (5) percent of the amount of the Contract no further retainage will be made and this amount will be retained until such time as final payment is made.

- 2.25. Liquidated Damages for Failure to Enter Into Contract:** Should the Successful Bidder fail or refuse to enter into the Contract within ten Calendar Days from the issuance of the Notice of Award, the City shall be entitled to collect the amount of such Bidder's Bid Guaranty as Liquidated Damages, not as a penalty but in consideration of the mutual

release by the City and the Successful Bidder of all claims arising from the City's issuance of the Notice of Award and the Successful Bidder's failure to enter into the Contract and the costs to award the Contract to any other Bidder, to re-advertise, or otherwise dispose of the Work as the City may determine best serves its interest.

- 2.26. Liquidated Damages for Failure to Meet Project Completion Schedule:** If the Contractor does not achieve Final Completion by the required date, whether by neglect, refusal or any other reason, the parties agree and stipulate that the Contractor shall pay liquidated damages to the City for each such day that final completion is late. As provided elsewhere, this provision does not apply for delays caused by the City. The date for Final Completion may be extended in writing by the Owner.

The Contractor agrees that as a part of the consideration for the City's awarding of this Contract liquidated damages in the daily amount of **\$500.00** is reasonable and necessary to pay for the actual damages resulting from such delay. The parties agree that the real costs and injury to the City for such delay include hard to quantify items such as: additional engineering, inspection and oversight by the City and its agents; additional contract administration; inability to apply the efforts of those employees to the other work of the City; perceived inefficiency of the City; citizens having to deal with the construction and the Work, rather than having the benefit of a completed Work, on time; inconvenience to the public; loss of reputation and community standing for the City during times when such things are very important and very difficult to maintain.

The Contractor must complete the Work and achieve final completion included under the Bid Schedule in the number of consecutive calendar days after the City gives is written Notice to Proceed. When the Contractor considers the entire Work ready for its intended use, Contractor shall certify in writing that the Work is fully complete. Final Completion date is the date by which the Contractor shall have fully completed all clean-up, and all items that were identified by the City in the inspection for final completion. Unless otherwise stated in the Special Conditions, for purposes of this liquidated damages clause, the Work shall not be finished, and the Contract time shall continue to accrue until the City gives its written Final Acceptance.

If the Contractor shall fail to pay said liquidated damages promptly upon demand thereof after having failed to achieve Final Completion on time, the City shall first look to any retainage or other funds from which to pay said liquidated damages; if retainage or other liquid funds are not available to pay said liquidated damages amounts, the Surety on the Contractor's Performance Bond and Payment Bond shall pay such liquidated damages. In addition, the City may withhold all, or any part of, such liquidated damages from any payment otherwise due the Contractor.

Liquidated damages as provided do not include any sums to reimburse the City for extra costs which the City may become obligated to pay on other contracts which were delayed or extended because of the Contractor's failure to complete the Work within the Contract Time. Should the City incur additional costs because of delays or extensions to other contracts resulting from the Contractor's failure of timely performance, the Contractor agrees to pay these costs that the City incurs because of the Contractor's delay, and these payments are separate from and in addition to any liquidated damages.

The Contractor agrees that the City may use its own forces or hire other parties to obtain Final Completion of the work if the time of completion has elapsed and the Contractor is not diligently pursuing completion. In addition to the Liquidated Damages provided for, the Contractor agrees to reimburse the City for all expenses thus incurred.

- 2.27. Contingency/Force Account/Minor Contract Revisions:** Contingency/Force Account/Minor Contract Revisions work will be authorized by the Owner's Project Manager and is defined as minor expenses to cover miscellaneous or unforeseen expenses related to the project. The expenses are not included in the Drawings, Specifications, or Scope of Work and are necessary to accomplish the scope of this contract. Contingency/Force Account/Minor Contract Revisions Authorization will be directed by the Owner through an approved form. Contingency/Force Account/Minor Contract Revisions funds are the property of the Owner and any Contingency/Force Account/Minor Contract Revisions funds, not required for project completion, shall remain the property of the Owner. Contractor is not entitled to any Contingency/Force Account/Minor Contract Revisions funds, that are not authorized by Owner or Owner's Project Manager.
- 2.28. Protection of Persons & Property:** The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Contractor shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Contractor in the execution of the work, or in consequence of the non-execution thereof by the Contractor, he shall restore, at his own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.
- 2.29. Changes in the Work:** The Owner, without invalidating the contract, may order changes in the work within the general scope of the contract consisting of additions, deletions or other revisions, the contract sum and the contract time being adjusted accordingly. All such changes in the work shall be authorized by Change Order and shall be executed under the applicable conditions of the contract documents. A Change Order is a written order to the Contractor signed by the Owner issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time. The contract sum and the contract time may be changed only by Change Order.
- 2.30. Claims for Additional Cost or Time:** If the Contractor wishes to make a claim for an increase in the contract sum or an extension in the contract time, he shall give the Owner written notice thereof within a reasonable time after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the work, except in an emergency endangering life or property in which case the Contractor shall precede in accordance with the regulations on safety. No such claim shall be valid unless so made. Any change in the contract sum or contract time resulting from such claim shall be authorized by Change Order.

- 2.31. Minor Changes in the Work:** The Owner shall have authority to order minor changes in the work not involving an adjustment in the contract sum or an extension of the contract time and not inconsistent with the intent of the contract documents.
- 2.32. Field Orders:** The Owner may issue written Field Orders which interpret the Contract Documents in accordance with the specifications, or which order minor changes in the work in accordance with the agreement, without change in the contract sum or time. The Contractor shall carry out such Field Orders promptly.
- 2.33. Uncovering & Correction of Work:** The Contractor shall promptly correct all work rejected by the Owner as defective or as failing to conform to the contract documents whether observed before or after substantial completion and whether or not fabricated installed or completed. The Contractor shall bear all costs of correcting such rejected work, including the cost of the Owner's additional services thereby made necessary. If within one (1) year after the date of completion or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the contract documents, any of the work found to be defective or not in accordance with the contract documents, the Contractor shall correct it promptly after receipt of a written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discover of condition. All such defective or non-conforming work under the above paragraphs shall be removed from the site where necessary and the work shall be corrected to comply with the contract documents without cost to the Owner. The Contractor shall bear the cost of making good all work of separate Contractors destroyed or damaged by such removal or correction. If the Owner prefers to accept defective or non-conforming work, he may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect an appropriate reduction in the payment or contract sum, or, if the amount is determined after final payment, it shall be paid by the Contractor.
- 2.34. Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All amendments to the contract shall be made in writing by the Owner.
- 2.35. Assignment:** The Contractor shall not sell, assign, transfer or convey any contract resulting from this IFB, in whole or in part, without the prior written approval from the Owner.
- 2.36. Compliance with Laws:** Bids must comply with all Federal, State, County and local laws governing or covering this type of service and the fulfillment of all ADA (Americans with Disabilities Act) requirements.
- 2.37. Confidentiality:** All information disclosed by the Owner to the Contractor for the purpose of the work to be done or information that comes to the attention of the Contractor during the course of performing such work is to be kept strictly confidential.
- 2.38. Conflict of Interest:** No public official and/or City/County employee shall have interest in any contract resulting from this IFB.



- 2.39. Contract Termination:** This contract shall remain in effect until any of the following occurs: (1) contract expires; (2) completion of services; (3) acceptance of services or, (4) for convenience terminated by either party with a written *Notice of Cancellation* stating therein the reasons for such cancellation and the effective date of cancellation.
- 2.40. Employment Discrimination:** During the performance of any services per agreement with the Owner, the Contractor, by submitting a Bid, agrees to the following conditions:
- 2.40.1.** The Contractor shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, handicap, or national origin except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Contractor. The Contractor agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- 2.40.2.** The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, shall state that such Contractor is an Equal Opportunity Employer.
- 2.40.3.** Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- 2.41. Affirmative Action:** In executing a Contract with the City, the Contractor agrees to comply with Affirmative Action and Equal Employment Opportunity regulations presented in the General Contract Conditions.
- 2.42. Immigration Reform and Control Act of 1986 and Immigration Compliance:** The Offeror certifies that it does not and will not during the performance of the contract employ illegal alien workers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or the immigration compliance requirements of State of Colorado C.R.S. § 8-17.5-101, *et.seq.* (House Bill 06-1343).
- 2.43. Ethics:** The Contractor shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official, or agent of the Owner.
- 2.44. Failure to Deliver:** In the event of failure of the Contractor to deliver services in accordance with the contract terms and conditions, the Owner, after due oral or written notice, may procure the services from other sources and hold the Contractor responsible for any costs resulting in additional purchase and administrative services. This remedy shall be in addition to any other remedies that the Owner may have.
- 2.45. Failure to Enforce:** Failure by the Owner at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the Owner to enforce any provision at any time in accordance with its terms.

- 2.46. Force Majeure:** The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Contractor, unless otherwise specified in the contract.
- 2.47. Independent Contractor:** The Contractor shall be legally considered an Independent Contractor and neither the Contractor nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Contractor, its servants, or agents. The Owner shall not withhold from the contract payments to the Contractor any federal or state unemployment taxes, federal or state income taxes, Social Security Tax or any other amounts for benefits to the Contractor. Further, the Owner shall not provide to the Contractor any insurance coverage or other benefits, including Workers' Compensation, normally provided by the Owner for its employees.
- 2.48. Nonconforming Terms and Conditions:** A bid that includes terms and conditions that do not conform to the terms and conditions of this Invitation for Bid is subject to rejection as non-responsive. The Owner reserves the right to permit the Contractor to withdraw nonconforming terms and conditions from its bid prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.

Items for non-responsiveness may include, but not be limited to:

- a. Submission of the Bid on forms other than those supplied by the City;
  - b. Alteration, interlineation, erasure, or partial detachment of any part of the forms which are supplied herein;
  - c. Inclusion of unauthorized additions conditional or alternate Bids or irregularities of any kind which may tend to make the Bid incomplete, indefinite, or ambiguous as to its meaning;
  - d. Failure to acknowledge receipt of any or all issued Addenda;
  - e. Failure to provide a unit price or a lump sum price, as appropriate, for each pay item listed except in the case of authorized alternative pay items;
  - f. Failure to list the names of Subcontractors used in the Bid preparation as may be required in the Solicitation Documents;
  - g. Submission of a Bid that, in the opinion of the Owner, is unbalanced so that each item does not reasonably carry its own proportion of cost or which contains inadequate or unreasonable prices for any item;
  - h. Tying of the Bid with any other bid or contract; and
  - i. Failure to calculate Bid prices as described herein.
- 2.49. Evaluation of Bids and Offerors:** The Owner reserves the right to:

- reject any and all Bids,
- waive any and all informalities,
- take into account any prompt payment discounts offered by Bidder,
- negotiate final terms with the Successful Bidder,
- take into consideration past performance of previous awards/contracts with the Owner of any Contractor, Vendor, Firm, Supplier, or Service Provider in determining final award, and
- disregard any and all nonconforming, nonresponsive or conditional Bids.

Discrepancies between words and figures will be resolved in favor of words. Discrepancies between Unit Prices and Extended Prices will be resolved in favor of the Unit Prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. The corrected extensions and totals will be shown in the tabulation of Bids.

The Owner may consider the qualifications and experience of Subcontractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for those portions of the work as to which the identity of Subcontractors and other persons and organizations must be submitted. Operating costs, maintenance considerations performance data, and guarantees of materials and equipment may also be considered by the Owner.

The Owner will conduct such investigations as deemed necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of the Offeror, proposed Subcontractors and other persons and organizations to do the Work in accordance with the *Contract Documents* to the City's satisfaction within the Contract Time.

The Offeror shall furnish the Owner all information and data requested by the Owner to determine the ability of the Offeror to perform the Work. The Owner reserves the right to reject the Bid if the evidence submitted by, or investigation of such Offeror fails to satisfy the Owner that such Offeror is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein.

By submitting a Bid, each Offeror authorizes the Owner to perform such investigation of the Offeror as the Owner deems necessary to establish the responsibility, qualifications and financial ability of the Offeror and, by its signature thereon, authorizes the Owner to obtain reference information concerning the Offeror and releases the party providing such information and the Owner from any and all liability to the Offeror as a result of such reference information so provided.

The Owner reserves the right to reject the Bid of any Offeror who does not pass any evaluation to the Owner's satisfaction.

If the Contract is to be awarded, it will be awarded to the Offeror who, by evaluation, the Owner determines will best meet the Owner's interests.

The Owner reserves the right to accept or reject the Work contained in any of the Price Bid Schedules or alternates, either in whole or in part.

**2.50. Award of Contract:** Unless otherwise indicated, a single award will be made for all the bid items in an individual bid schedule. In the event that the Work is contained in more than one Bid Schedule, the City may award Schedules individually or in combination. In the case of two Bid Schedules which are alternative to each other, only one of such alternative Schedules will be awarded. Within forty-five (45) Calendar Days of Bid Opening, the City will issue a Notice of Award to the Successful Bidder which will be accompanied by four (4) unsigned copies of the Contract and the Performance and Payment Bond forms. Within ten (10) Calendar Days thereafter, the Successful Bidder shall sign and deliver four (4) copies of the Contract, Performance Bond, Payment Bond and Certificates of Insurance to the City. Within ten (10) Calendar Days thereafter, the City will deliver two (2) fully executed counterparts of the Contract to the Contractor. No contract shall exist between the Successful Bidder and the City and the Successful Bidder shall have no rights at law or in equity until the Contract has been duly executed by the City.

The Successful Bidder's failure to sign and submit a Contract and other documents set forth in this Paragraph within the prescribed time shall be just cause of annulment of the award, and forfeiture of the Bid Guaranty. The award of Contract may then be made to the next qualified Bidder in the same manner as previously prescribed.

**2.51. Ownership:** All plans, prints, designs, concepts, etc., shall become the property of the Owner.

**2.52. Oral Statements:** No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.

**2.53. Patents/Copyrights:** The Contractor agrees to protect the Owner from any claims involving infringements of patents and/or copyrights. In no event shall the Owner be liable to the Contractor for any/all suits arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this IFB.

**2.54. Remedies:** The Contractor and Owner agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.

**2.55. Venue:** Any agreement as a result of responding to this IFB shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.

**2.56. Expenses:** Expenses incurred in preparation, submission and presentation of this IFB are the responsibility of the company and cannot be charged to the Owner.

**2.57. Sovereign Immunity:** The Owner specifically reserves its right to sovereign immunity pursuant to Colorado State Law as a defense to any action arising in conjunction to this agreement.

**2.58. Non-Appropriation of Funds:** The contractual obligation of the Owner under this contract is contingent upon the availability of appropriated funds from this fiscal year budget as approved by the City Council or Board of County Commissioners from this fiscal year only. State of Colorado Statutes prohibit obligation of public funds beyond the fiscal year for which the budget was approved. Anticipated expenditures/obligations beyond the end of the current Owner's fiscal year budget shall be subject to budget approval. Any contract will be subject to and must contain a governmental non-appropriation of funds clause.

**2.59. Cooperative Purchasing:** Purchases as a result of this solicitation are primarily for the City/County. Other governmental entities may be extended the opportunity to utilize the resultant contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions and pricings established in this Bid. The quantities furnished in this bid document are for only the City/County. It does not include quantities for any other jurisdiction. The City or County will be responsible only for the award for its jurisdiction. Other participating entities will place their own awards on their respective Purchase Orders through their purchasing office or use their purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The City/County accepts no liability for payment of orders placed by other participating jurisdictions that choose to piggy-back on our solicitation. Orders placed by participating jurisdictions under the terms of this solicitation will indicate their specific delivery and invoicing instructions.

**2.60. Keep Jobs in Colorado Act:** Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a). If Contractor claims it is entitled to a waiver pursuant to C.R.S. §8-17-101(1), Contractor shall state that there is insufficient Colorado labor to perform the work such that compliance with Article 17 would create an undue burden that would substantially prevent a project from proceeding to completion, and shall include evidence demonstrating the insufficiency and undue burden in its response.

Unless expressly granted a waiver by the Owner pursuant to C.R.S. §8-17-101(1), Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a).

**2.60.1. "Public project" is defined as:**

- (a) any construction, alteration, repair, demolition, or improvement of any land, building, structure, facility, road, highway, bridge, or other public improvement suitable for and intended for use in the promotion of the public health, welfare, or safety and any maintenance programs for the upkeep of such projects

- (b) for which appropriate or expenditure of moneys may be reasonably expected to be \$500,000.00 or more in the aggregate for any fiscal year
- (c) except any project that receives federal moneys.

### **3. Statement of Work**

- 3.1. GENERAL:** The City of Grand Junction is soliciting competitive bids from qualified and interested companies for all labor, equipment, and materials required for the **G Road Bridge Replacement Project**. All dimensions and scope of work should be verified by Contractors prior to submission of bids.

NOTE: The descriptions of the pay items listed in the Price Bid Schedule for this Project may not agree with those listed in the Standard Specifications. Payment for all Work performed, as required in the Contract Documents, will be in accordance with the items and units listed in the Price Bid Schedule.

The performance of the Work for this Project shall conform to the General Contract conditions presented in the City of Grand Junction's Standard Contract Documents for Capital Improvements Construction, revised July 2010, except as specifically modified or supplemented herein or on the Construction Drawings.

- 3.2. PROJECT DESCRIPTION:** This project generally consists of replacing the G Road Bridge over North Leach Creek, the realignment of North Leach Creek, and the installation of new underground utilities to accommodate the new bridge structure. Approximate quantities are as follows: 842 CY of Structural Concrete, 4,832 LF of Steel H-Piling, 135,613 Pounds of Steel Reinforcement, 1,905 LF of Domestic Waterline, 370 LF of Sewer Line, 573 LF of Storm Drain Pipe, 4,779 SF of Prestressed Concrete Slab, Pedestrian Lighting and Electrical, Precast Concrete Block Retaining Wall, Landscaping, Wetland Mitigation, Irrigation and Utility Relocations.

**3.3. SPECIAL CONDITIONS & PROVISIONS:**

- 3.3.1 Mandatory Pre-Bid Meeting:** Prospective bidders are required to attend a mandatory pre-bid meeting on May 12, 2021 at 10:00 am. Meeting location shall be in the City Council Auditorium at City Hall, located at 250 North 5<sup>th</sup> Street, Grand Junction, CO. The purpose of this visit will be to inspect and to clarify the contents of this Invitation for Bids (IFB).

- 3.3.2 General Contractor/Bidder Pre-Qualification:** Due to the complexity, size, and scope of this project, the City has determined that a pre-qualification process is prudent to ensuring that the awarded bidder is both qualified and capable of successfully performing and completing the project. Therefore, in an effort to be respectful of the time and cost of General Contractors/Bidders putting together a bid packages for which they may not be qualified to perform, we are requiring that all General Contractors/Bidders intending to submit a bid response to this solicitation process, complete and submit the attached Pre-Qualification Application and all required documents to the City's Purchasing Agent (via e-mail [duaneh@gjcity.org](mailto:duaneh@gjcity.org)) no later

**than May 17, 2021** Each individual General Contractor/Bidder shall be notified of their pre-qualification status **no later than May 20, 2021**.

**NOTE:** Contractor may submit their pre-qualification application with “reviewed” financial statements for this specific project, in lieu of “audited” financial statements, if accompanied by a letter from surety stating/verifying that they have the bonding capacity to meet their submitted bid amount. CDOT pre-qualification will also be accepted in lieu of “audited” financial statements, and will also be accepted as “construction” experience/qualification as it would pertain to this project.

**3.3.2 QUESTIONS REGARDING SOLICITATION PROCESS/SCOPE OF WORK:**

Duane Hoff, Senior Buyer  
City of Grand Junction  
970-244-1545, [duaneh@gjcity.org](mailto:duaneh@gjcity.org)

**3.3.3 Project Manager:** The Project Manager for the Project is Lee Cooper, Project Engineer, who can be reached at (970) 256-4155. During Construction, all notices, letters, submittals, and other communications directed to the City shall be addressed and mailed or delivered to:

City of Grand Junction  
Department of Public Works and Utilities  
Attn: Lee Cooper, Project Manager  
333 West Ave., Building C  
Grand Junction, CO 81501

**3.3.4 Affirmative Action:** The Contractor is not required to submit a written Affirmative Action Program for the Project.

**3.3.5 Pricing:** Pricing shall be all inclusive to include but not be limited to: all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the project.

The Owner shall not pay nor be liable for any other additional costs including but not limited to: taxes, shipping charges, insurance, interest, penalties, termination payments, attorney fees, liquidated damages, etc.

**3.3.6 Freight/Shipping:** All freight/shipping shall be F.O.B. Destination – Freight Pre-Paid and Allowed to the project site(s), Grand Junction, CO.

Contractor must meet all federal, state, and local rules, regulations, and requirements for providing such services.

**3.3.7 Contract:** A binding contract shall consist of: (1) the IFB and any amendments thereto, (2) the bidder’s response (bid) to the IFB, (3) clarification of the bid, if any, and (4) the City’s Purchasing Department’s acceptance of the bid by “Notice of Award” or by “Purchase Order”. All Exhibits and Attachments included

In the IFB shall be incorporated into the contract by reference.

A. The contract expresses the complete agreement of the parties and, performance shall be governed solely by the specifications and requirements contained therein.

B. Any change to the contract, whether by modification and/or supplementation, must be accomplished by a formal contract amendment signed and approved by and between the duly authorized representative of the bidder and the City Purchasing Division or by a modified Purchase Order prior to the effective date of such modification. The bidder expressly and explicitly understands and agrees that no other method and/or no other document, including acts and oral communications by or from any person, shall be used or construed as an amendment or modification to the contract.

**3.3.8 Time of Completion:** The scheduled time of Completion for the Project is **180 Calendar Days** from the starting date specified in the Notice to Proceed.

Completion is achieved when site cleanup and all punch list items (resulting from the final inspection) have been completed. Completion shall have the meaning set forth in Article I, Section 3 (Definitions and Terms) of the General Contract Conditions.

**3.3.9 Working Days and Hours:** The working days and hours shall be as stated in the General Contract Conditions, Section VI, or as mutually agreed upon in the preconstruction meeting.

**3.3.10 Licenses and Permits:** Contractor is responsible for obtaining all necessary licenses and permits required for Construction, at Contractors expense. See Section 2.12. Contractor shall supply to Owner all copies of finalized permits.

**3.3.11 Permits:** The following permits are required for the Project and will be obtained by the City at no cost to the Contractor:

- *Colorado Department of Public Health and Environment (CDPHE) – Construction Stormwater Discharge Permit* – The City of Grand Junction will obtain the Stormwater Discharge Permit and then transfer the permit to the Contractor before the start of the project.
- *U.S. Army Corps Nationwide 404 Permit* – (North Leach Creek Wetlands Mitigation) (This permit is currently being reviewed by the local U.S. Army Corps representative)

The following permits are required for the Project and shall be obtained and paid for by the Contractor, with the costs included in the total bid price for the Project:

- *Colorado Department of Public Health and Environment – Construction Dewatering Permit.*



**3.3.12 City Furnished Materials:** The City will furnish the following materials for the Project:

- Electronic files needed for construction layout

**3.3.13 Project Newsletters:** Project newsletters will not be required for this project. The City will handle notifying the public and residents of the project and the project schedule.

The Contractor will be responsible for notifying all businesses and/or residents located adjacent to the Project on any closures to driveway access points, road closures, utility outages, and provide businesses and/or residents a timeline for these closures and utility outages. The Contractor shall provide a minimum of 48-hours advanced notice to businesses and/or residents prior to any closure or utility outage taking effect.

**3.3.14 Project Sign:** Project signs, if any, will be furnished and installed by the City.

**3.3.15 Authorized Representatives of the City:** Those authorized to represent the City shall include Purchasing Agent, Engineers, and Inspectors employed by the City, only.

**3.3.16 Stockpiling Materials and Equipment:** All stockpiling/storage shall be in accordance with General Contract Condition Section 51.

The Contractor shall stockpile and store materials and equipment within the roadway right-of-way, the multi-purpose easements, and the temporary construction easements as shown on the construction plans. The Contractor shall have the boundaries of the easements staked by their surveyor, so the construction limits are clearly defined. The Contractor shall keep all construction activities within these easement boundaries at all times.

**3.3.17 Traffic Control:** The Contractor shall provide and maintain traffic control in accordance with the approved Traffic Control Plan and the *Manual on Uniform Traffic Control Devices (MUTCD)*. The traffic control plan shall be presented to the Project Engineer at or prior to the pre-construction meeting for review and approval. The following requirements and limitations shall apply to the traffic control:

- No personal driveway and/or access point to a property shall be left inaccessible at the end of each workday or over a weekend; and no construction equipment shall be parked in front of a driveway and/or access point during non-working hours. When a driveway and/or access point must be closed off due to construction activity, the Contractor shall provide advanced notification to the affected resident(s) and/or businesses at least two-days (48 hours) prior to closure and arrange an alternative access point to the property.
- A hard closure of G Road between 24 Road and the Canyon View Park entrance east of 24 Road is allowed for bridge and utility construction. A detour route shall be provided to accommodate the closure of G Road. The Canyon View Park entrance

east of 24 Road can also have a hard closure on it so Park's users can't enter or exit the park from this location.

- Canyon View Park's diagonal parking areas along the northside of G Road shall be kept open, unless stated otherwise within this Special Condition, to allow park users a place to park their vehicles while using the Park's facilities and for sporting events.
- During the G Road waterline installation phase only, the City will allow G Road to be closed to traffic between 24 Road and Spanish Trail Drive during the Contractor's daytime working hours. G Road shall be opened back up west of Spanish Trail Drive for the public to access the parks diagonal parking spaces during the weekends and during the Contractor's non-working hours. Once waterline construction is completed and G Road asphalt patched backed, the Contractor shall reopen this section of G Road west of Spanish Trail Drive. Access for residents shall be kept open at all times of the day. The Contractor shall provide a safe corridor for the residents and irrigators to drive on while the waterline installation is happening. Two residential properties will have their access affected during waterline installation and their addresses are 2426 G Road and 2427 G Road. The irrigator that irrigates the nearby alfalfa field shall also be allowed access to his field at anytime during the waterline installation.
- Any road closures required on 24 Road for utility installation, asphalt patching, and concrete replacement shall be completed between the hours of 7:00 pm and 6:00 am. Due to traffic volumes along 24 Road and with Community Hospital being located nearby, no daytime road closures of 24 Road will be allowed. The Contractor shall provide a minimum of 7-days advanced notification to the City Project Engineer and Project Inspector about the need for a 24 Road closure so the City can get a press release out to the public, notify public safety, and notify Community Hospital about the night time closure of 24 Road.

**3.3.18 Clean-Up:** The Contractor shall clear the construction site of all trash and on-site waste daily, including scrap from construction materials. The costs for all clean-up work shall be considered incidental and will not be paid for separately.

**3.3.19 Quality Control and Quality Assurance Testing:** Contractor/Supplier are responsible for performing Quality Control (QC) testing as required on the project. The City will be responsible for performing all necessary Quality Assurance (QA) testing. The City will be working with a 3<sup>rd</sup> party QA testing consultant for backfill compaction, concrete testing, asphalt testing, materials testing, and any other tests that are deemed necessary.

**3.3.20 Schedule of Submittals:** See Appendix A for list of required submittals. The Contractor at a minimum shall deliver these submittals at or before the pre-construction meeting:

- Method for Handling Traffic (MHT) submitted at or prior to the pre-construction meeting with the closure of G Road and the proposed detour route.
- Construction schedule submitted at or prior to the pre-construction meeting and updated as necessary to reflect actual conditions.

- List of contacts for contractor and any subcontractors.
- Hourly rate table for labor and equipment to be used on this project.

**3.3.21 Uranium Mill Tailings:** It is anticipated that radioactive mill tailings will not be encountered on this Project.

**3.3.22 Fugitive Petroleum or Other Contamination:** It is anticipated that soil contamination from fugitive petroleum or other contaminants will not be encountered with the Project.

**3.3.23 Excess Material:** All excess materials shall be disposed in accordance with General Contract Condition Section 50.

**3.3.24 Existing Property Pins and Survey Monuments:** The City of Grand Junction did not perform an exhaustive search of existing property pins when compiling survey data for this project. Property pins and survey monuments have been shown on the construction drawings where found in the field. The Contractor shall be responsible for protecting in place or resetting existing property pins that are within the construction limits per Section 629 of the Standard Contract Documents.

**3.3.25 Existing Utilities and Structures:** Existing underground utilities were potholed at specific locations during design of this project. The location of existing utilities and structures are shown on the Subsurface Utility Engineering (SUE) Plans and are approximate with the information gathered during design. It is the responsibility of the Contractor to pothole/locate and protect all structures and utilities in accordance with General Contract Condition Section 37.

**3.3.26 Utility Contacts, Coordination, and Relocations:** Known utilities with the limits of this project are:

- |  |              |
|--|--------------|
| • City of Grand Junction (Sanitary & Storm) – Lee Cooper | 970-256-4155 |
| • City of Grand Junction (Traffic Signal) – Eric Mocko   | 970-256-4017 |
| • City of Grand Junction (Irrigation) – Marc Mancuso     | 970-254-3850 |
| • Grand Valley Power (Electric) – Mike Gardner           | 970-623-8565 |
| • Xcel Energy (Electric & Gas) – Brenda Boes             | 970-260-6177 |
| • Xcel Energy (6" I.P. Gas) – Cody Danaher               | 303-571-3316 |
| • Century Link (Telephone & Fiber Optic) – Chris Johnson | 970-244-4311 |
| • Charter (Cable Television) – Mark Kostelecky           | 970-623-9415 |
| • Ute Water Conservancy District – Dave Priske           | 970-242-7491 |

The work described in these plans and specifications requires full cooperation between the Contractor and the utility owners in regard to conducting their respective operations so the utility relocation work can be completed with minimum delay to all parties concerned.

The Contractor shall be required to meet with each utility owner impacted by the work a minimum of fifteen (15) days in advance of any construction operations to coordinate required utility work with the construction activity. Coordination with utility

owners includes, but is not limited to, providing and periodically updating an accurate construction schedule that includes all utility work elements. Surveying and/or staking of utility relocations shall be performed by the Contractor's surveyor.

The Contractor shall conduct coordination meetings a minimum of weekly for the purpose of coordinating construction activities with the utility owners. Frequency of the utility coordination meetings may be revised as deemed necessary by the City, Contractor, and utility owner(s).

The Contractor shall provide traffic control for any utility work expected to be coordinated with construction operations as directed by the Project Engineer. However, traffic control for utility work outside of the typical project work hours or outside of the project limits shall be the responsibility of the utility owner. The Contractor shall be compensated for traffic control as per the bid items for traffic control as established on this project.

FOR EACH UTILITY OWNER SHOWN BELOW, THE WORK LISTED UNDER "CONTRACTOR RESPONSIBILITIES" SHALL BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, OR AS DIRECTED BY THE ENGINEER. EACH UTILITY OWNER, OR THEIR AGENTS, WILL PERFORM THE WORK LISTED UNDER "UTILITY COMPANY RESPONSIBILITIES".

The Contractor shall keep each utility owner advised of any work being done to its facility so that each utility owner can coordinate its inspections for final acceptance of the work with the Project Engineer.

**CITY OF GRAND JUNCTION (TRAFFIC SIGNAL) – Prior Notice 5 working days**

***Contractor Responsibilities:***

Contractor is responsible for requesting locates from the City Traffic Dept. for the buried traffic signal lines. The Contractor shall also coordinate as necessary the modifications to the signal timing/sequencing with the City Traffic Dept. once the G Road closure takes effect. The Contractor shall also coordinate as necessary with the City Traffic Dept. when activating or setting the new pedestrian lighting and appurtenances.

***Utility Owner Responsibilities:***

The City Traffic Dept. will provide locates of their existing traffic signal infrastructure and will adjust/modify the traffic signal timing and sequencing to account for G Road being closed to traffic.

**CITY OF GRAND JUNCTION (SEWER & STORM)**

***Contractor Responsibilities:***

Contractor is responsible for installation of the proposed new sanitary sewer line and proposed new storm drain system per the construction plans and specifications. Contractor is responsible for protecting all existing sanitary and storm lines and manholes from damage due to the Contractor's operations. During construction should the Contractor discover a conflict with any sanitary

and storm lines or manholes the Contractor shall notify the Project Engineer immediately.

*Utility Owner Responsibilities:*

The City of Grand Junction will provide locates and coordinate as necessary.

**CITY OF GRAND JUNCTION (IRRIGATION)**

*Contractor Responsibilities:*

Contractor is responsible for coordinating with the City of Grand Junction's Parks Dept. for the placement of irrigation components and appurtenances associated within the project limits as identified in the plans.

*Utility Owner Responsibilities:*

The City of Grand Junction can provide the Contractor with information on the current irrigation system and how it works. The City of Grand Junction will provide as-built information on the irrigation system at Canyon View Park and coordinate items as necessary during construction.

**GRAND VALLEY POWER (ELECTRIC) – Prior Notice 20 working days**

*Contractor Responsibilities:*

The Contractor is responsible for notifying Grand Valley Power (GVP) on when the bridge's H-pile installation will be completed so GVP can start their underground bore installation of two 6" diameter plastic electrical conduit. GVP plans to bore two 6" diameter conduits starting on the westside of 24 Road and boring underneath the new bridge and between the H-piles to vault V3. This bore needs to happen while the H-piles are still visible and not covered with concrete. The Contractor will be responsible for setting GVP's concrete utility vault (V3) near station 40+22 and vault (V4) near station 46+50. GVP will provide the vault and the Contractor shall install it to match the new finish grade of this area. GVP's bore will end at vault V3. The Contractor shall also provide the trenching and backfill for the proposed new underground conduits for GVP and Charter along the southside of G Road between vault V3 and station 49+60. GVP and Charter will supply the conduits for the Contractor to install. GVP will provide two 6" plastic conduits and Charter will provide two 2" plastic conduits.

*Utility Owner Responsibilities:*

Prior to bridge construction, GVP installed a temporary overhead power line along the southside of G Road for GVP to abandon and remove the overhead power line and poles in the vicinity of the proposed new bridge. GVP will coordinate with the Contractor and provide concrete utility vault V3 and V4 (7' x 7' vaults) and two 6" plastic conduits for the Contractor to install between vault V3 and station 49+60. GVP and their boring contractor are responsible for completing the bore from the westside of 24 Road and between the new H-piles to vault V3.

**XCEL ENERGY (ELECTRIC & GAS) – Prior Notice 20 working days**

*Contractor Responsibilities:*

Contractor is responsible for coordinating with Xcel Energy the installation of 4" plastic conduit along G Road for Xcel's buried electric power line. Once the 4" plastic conduit is installed the Contractor shall notify Xcel Energy that they can start installation of the new buried electric line. The Contractor is responsible for coordinating with Xcel Energy the installation of the proposed new 2" PE gas line by Xcel Energy. The Contractor will be responsible for staking out the proposed new alignments of the 2" PE gas line and the buried electric line made by Xcel Energy or the City.

*Utility Owner Responsibilities:*

By the time this bridge project starts construction, Xcel Energy should have already installed a temporary overhead powerline along the northside of G Road that will cross 24 Road and connect into an existing Xcel Energy electrical cabinet west of 24 Road. The existing buried electric line in the vicinity of the proposed new bridge should be abandoned by the time this bridge project starts. Xcel Energy will be responsible for the removal of the temporary overhead power line once the buried power is completed and made active again. Xcel Energy will be responsible for the installation of their proposed new 2" PE gas line. This new 2" PE gas line needs to be installed and in-service before the Contractor is able to start new bridge construction and demolition of the existing G Road bridge.

**XCEL ENERGY (6" I.P. GAS) – Prior Notice 20 working days**

*Contractor Responsibilities:*

Contractor is responsible for coordinating with Xcel Energy the installation of the new 6" I.P. gas line and the relocation of the 6" I.P. gas line near Station 40+37 in order to accommodate the proposed new 18" storm drain pipe. If necessary and requested, the Contractor will be responsible for staking out the proposed new alignment of the 6" I.P. gas line. Once the old 6" I.P. gas line is abandoned, the Contractor will be responsible for removing the old gas pipe for bridge construction and bridge demolition.

*Utility Owner Responsibilities:*

Xcel Energy is responsible for all materials, labor, and equipment for the installation of the new 6" I.P. gas line and Xcel Energy is responsible for the abandonment of the old I.P. gas line. A conflict between the existing 6" I.P. gas line and the proposed new 18" storm drain pipe has been identified near Station 40+37. Xcel Energy is responsible for adjusting the 6" I.P. gas line to accommodate the new 18" storm pipe. The City recommends that the gas line be lowered below the proposed new storm drain pipe.

**CENTURY LINK (TELEPHONE & FIBER OPTIC) – Prior Notice 20 working days**

*Contractor Responsibilities:*

Contractor is responsible for coordinating with Century Link the installation of their new underground utility conduits and utility. Contractor will be responsible for excavating the trench to the depths required for Century Link utilities and backfilling the trench per the project specifications and requirements. The Contractor is responsible for protecting Century Links existing buried communication utility along G Road and the existing Century Link utility shall

remain in-service until Century Link has completed all new connections into the new utility alignment. New bridge construction and existing bridge demolition can't start until Century Link has completed their utility relocation and the relocated utility is active and in-service.

*Utility Owner Responsibilities:*

Century Link will be responsible for providing and installing their own plastic conduits to be installed in the excavated trench. Once the conduits are installed and the trench backfilled, Century Link will start installation of the new communication wires and/or fiber optics within the conduits and splicing the new wires into the existing wires.

**CHARTER (CABLE TELEVISION) – Prior Notice 20 working days**

*Contractor Responsibilities:*

Contractor is responsible for coordinating with Charter the installation of their new underground utility conduits and utility. Contractor will be responsible for excavating the trench to the depths required for Charter utilities and backfilling the trench per the project specifications and requirements. Prior to construction starting, Charter should have their above ground utility attached to the temporary Grand Valley Power poles along the southside of G Road. New bridge construction and existing bridge demolition can't start until Charter has completed their utility relocation and the relocated utility is active and in-service.

*Utility Owner Responsibilities:*

Charter will be responsible for providing and installing their own plastic conduits to be installed in the excavated trench. Once the conduits are installed and the trench backfilled, Charter will start installation of the new communication wires and/or fiber optics within the conduits and splicing the new wires into the existing wires.

**UTE WATER CONSERVANCY DISTRICT – Prior Notice 20 working days**

*Contractor Responsibilities:*

Contractor is responsible for coordinating the installation of a new waterline as shown in the plans. The Contractor is responsible for the installation of items including services, fire hydrants, valves, and pipes. The Contractor is also responsible for the removal of existing waterline improvements including pipe, valves, water services, and waterline appurtenances associated within the project limits as identified on the plans. During construction should the Contractor discover a conflict with the waterline the Contractor shall notify the Project Engineer immediately.

*Utility Owner Responsibilities:*

Ute Water will coordinate with the Contractor and provide locates of their facilities as needed. Ute Water will provide an inspector to help oversee the installation of the waterline and assist the Contractor in the necessary waterline disinfection tests.

**3.3.27 Protection and Restoration of Property and Landscape:** The Contractor shall perform all the work in such a manner that the least environmental damage will

result. Any questionable areas or items shall be brought to the attention of the Project Engineer for approval prior to vegetation removal or any damaging activity. Damaged or destroyed trees or shrubs, which could have been saved, shall be replaced at the expense of the Contractor.

The Contractor shall stake/paint all easements prior to any construction activities. Right of way plans identifying property boundaries and easements are available and shown in the construction plans. If the easement staking is knocked down or destroyed by the Contractor or others during construction activities, repair or replacement of the staking shall be at the Contractor's expense.

- 3.3.28 Incidental Items:** Any item of work not specifically identified or paid for directly, but which is necessary for the satisfactory completion of any paid items of work, will be considered as incidental to those items, and will be included in the cost of those items.
- 3.3.29 Existing Concrete Sidewalks, Pans, Fillets, Curbs and Gutters:** The existing sidewalks, pans, fillets, curb and gutter are in good serviceable condition. In most instances the installation of new sidewalk and pavement will be adjacent to existing concrete. The Contractor will need to protect all concrete adjacent to construction. If the concrete is damaged during construction the Contractor will be responsible for its replacement at no cost to the City. The Contractor, the City Project Inspector, and/or the City Project Manager will walk and record any concrete that is deemed to be damaged before construction has started.
- 3.3.30 ACI Concrete and Flatwork Finisher and Technician:** Hand finishing concrete will be permitted only when performed under the direct supervision of a craftsman holding the following certificate: ACI Concrete Flatwork Finisher and Technician (ACICFFT) or other Flatwork Finisher certification program approved by the City Engineering Manager.
- 3.3.31 North Leach Creek:** The Contractor is responsible for independently estimating the flow rate of North Leach Creek for bypass pumping purposes. The Contractor is responsible for making any necessary provisions for protecting the construction site from high water in North Leach Creek, and to make provisions for the same in his bid. Washouts or high water will not be a valid cause for additional monetary claims by the Contractor.
- 3.3.32 Construction Dewatering:** All construction dewatering shall meet the requirements specified in the CDPHE Dewatering Permit.
- 3.3.33 Confined Space Entry:** The Contractor is responsible for providing any and all confined space entry safety equipment; including, but not limited to: air testing equipment, fresh air blowers, tripods, harnesses, and SCBA equipment. The Contractor's air monitoring devices shall be calibrated and certified. The cost for all confined space entry equipment shall be incidental to the project cost and will not be paid for separately.
- 3.3.34 Interruption of Utilities and Services:** The Contractor shall notify all property owners affected by the interruption of utilities and other services caused by their



operation. Such notice shall be given at least 24 hours prior to the interruption. Notice shall be given for, but not limited to the interruption of domestic water, sanitary sewer, trash pickup, mail delivery and changes in access to the property.

- 3.3.35 Construction Surveying & “As-Built” Drawings:** In addition to Items I and II in the General Contract Conditions, Section 54, As-Built record information will be provided to, and approved by City staff prior to Final Acceptance of the Project. Information to be provided must be in electronic format (e.g. AutoCAD and/or survey files) along with a PDF set of As-Built drawings. As-Built electronic files must contain information suitable for the City to maintain Utility records to the standards set forth in the new Colorado 811 One Call/Subsurface Utility Law (effective August 8, 2018) and standards as described in the American Society of Civil Engineers (ASCE) Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data (ASCE 38-02).

Electronic information for As-Built records shall include, but is not limited to, verification of all horizontal and vertical changes in pipe alignments, elbows, tees, manholes, valves, control structures, service taps, service pipe (horizontal and vertical deflections to ROW line, meter pits, or clean-outs, whichever is closer), beginning and ending of slip-lined segments, tie-in or connection to existing infrastructure, etc. Distance between As-Built data points along pipe alignment is dependent on the amount of deflection used to install the pipe in the field. There must be sufficient point data to create a plan and profile of all infrastructure accurate to within eighteen inches (18”) of the physical structures anywhere along the project.

The cost for surveying all fittings, both sewer and water, shall be incidental to the project cost, and will not be paid for separately.

- 3.3.36 Manhole Grade Rings:** Concrete grade rings, shims and non-shrink grout shall not be used on the sewer manhole sections. Approved grade rings for this project shall be either HDPE Adjusting Rings by LadTech, Inc., or Expanded Polypropylene grade rings by Cretex Pro-Ring.

Grade rings shall be installed per the manufacturer’s recommendations and directions. Caulk and sealants shall be approved by the manufacturer and shall be applied per the manufacturer’s recommendation. The top grade ring shall match as close as possible the cross-slope of the existing roadway surface. Both manufacturers of grade rings provide grade rings that can accommodate the existing roadway cross-slope.

- 3.3.37 Manhole Ring and Cover:** Manhole ring and covers for this project shall be Castings model MH-310-24 Cl.

- 3.3.38 References for Manhole Corrosion Protection:** The Contractor applying the interior manhole corrosion protection shall provide a minimum of 3 references of projects for completed restoration and corrosion barrier liner installation of similar scope and size using the protective coating specified and/or approved equal by the City Project Engineer. References shall include project name and location; contact

information of Owner/Engineer; and description of project, what the substrate was, and the application procedures.

**3.3.39 Existing Grand Valley Irrigation Co. (GVIC) Irrigation & Drainage Easement:**

GVIC has an Irrigation Drainage easement along North Leach Creek south of G Road. This Project will be modifying the alignment of North Leach Creek and installing buried utilities through the easement. This Project is currently being evaluated by GVIC. Bidder's shall be aware that final project award and contract execution will be contingent upon approval from GVIC.

**3.3.40 Weekly Meetings:** The Contractor and the City shall conduct bi-weekly (minimum) meetings on-site. These meetings shall be attended by the Contractor's Project Manager and Site Supervisor and the City's Project Engineer and Project Inspector. When required, the utility companies project representative should be invited to the weekly meetings.

**3.4. SCOPE OF WORK:** This project generally consists of replacing the G Road Bridge over North Leach Creek, the realignment of North Leach Creek, and the installation of new underground utilities to accommodate the new bridge structure. Approximate quantities are as follows: 842 CY of Structural Concrete, 4,832 LF of Steel H-Piling, 135,613 Pounds of Steel Reinforcement, 1,905 LF of Domestic Waterline, 370 LF of Sewer Line, 573 LF of Storm Drain Pipe, 4,779 SF of Prestressed Concrete Slabs, Pedestrian Lighting and Electrical, Precast Concrete Block Retaining Wall, Landscaping, Wetland Mitigation, Irrigation and Utility Relocations.

**3.5. Attachments: (Click Links)**

- Appendix A: [Project Submittal Form](#)
- Appendix B: [Project Manual](#)
  - Project Special Provisions
  - Ute Water Specifications
  - Structural Specifications
  - Landscape & Irrigation Specifications
  - Electrical Specifications
- Appendix C: [Geotechnical Investigation Report by RockSol Consulting Group, Inc.](#)
- Appendix D: [24 and G Road Pedestrian Underpass Groundwater Study by DOWL](#)
- Appendix E: [Existing G Road Bridge As-Built Plans](#)
- Appendix F: [Construction Drawings](#)
- Appendix G: [Pre-Qualification Application](#)

**3.6. Contractor Bid Documents:** For Contractor's convenience, the following is a list of forms/items to be submitted with the Contractor's bid response. However, should a form/item not be listed in this section, but required in the solicitation documents, it is the Contractor's responsibility to ensure all forms/items are submitted.

- **Contractor's Bid Form**
- **Contractor's Bid Bond**
- **Price Bid Schedule**

**3.7. IFB TENTATIVE TIME SCHEDULE:**

Invitation for Bids available:	April 30, 2021
Mandatory Pre-Bid Meeting:	May 12, 2021
Pre-Qualification Application Deadline	May 17, 2021
Inquiry deadline, no questions after this date:	May 17, 2021
Addendum Posted:	May 20, 2021
Submittal deadline for proposals (Bid Opening):	May 27, 2021
City Council Approval:	June 16, 2021
Notice of Award & Contract execution:	June 17, 2021
Bonding & Insurance Cert. due:	June 29, 2021
Preconstruction meeting:	July 8, 2021
Work begins:	Provided in Notice to Proceed
Final Completion:	180 days from Notice to Proceed
City Observed Holidays:	Labor Day, Veterans Day, Thanksgiving, Christmas, New Year's

## **4. Contractor's Bid Form**

**Bid Date:** \_\_\_\_\_

**Project:** IFB-4914-21-DH "G Road Bridge Replacement Project"

**Bidding Company:** \_\_\_\_\_

**Name of Authorized Agent:** \_\_\_\_\_

**Email** \_\_\_\_\_

**Telephone** \_\_\_\_\_ **Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed work, hereby proposes to furnish all labor, materials and supplies, and to perform all work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty day (30) period.

Prices in the bid proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this bid proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a bid proposal for the purpose of restricting competition.
- The individual signing this bid proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-03544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of \_\_\_\_\_ percent of the net dollar will be offered to the Owner if the invoice is paid within \_\_\_\_\_ days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award that are no less than Net 10 days .

RECEIPT OF ADDENDA: the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: \_\_\_\_\_.

It is the responsibility of the Bidder to ensure all Addenda have been received and acknowledged.

*By signing below, the Undersigned agree to comply with all terms and conditions contained herein.*

**Company:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ _____	\$ _____
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ _____	\$ _____
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 and)	215.	Lin. Ft.	\$ _____	\$ _____
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ _____	\$ _____
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ _____	\$ _____
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ _____	\$ _____
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ _____	\$ _____
8	108.2	30" Storm Drain Pipe (RCP, Class II)	365.	Lin. Ft.	\$ _____	\$ _____
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ _____	\$ _____
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ _____	\$ _____
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ _____	\$ _____
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ _____	\$ _____
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ _____	\$ _____
14	108.3	Tee (8" x 4") (MJ x FL) (Epoxy Coated) (For use in Air Release Valve Assembly)	2.	Each	\$ _____	\$ _____
15	108.3	Tee (8" x 6") (MJ x FL) (Epoxy Coated)	1.	Each	\$ _____	\$ _____
16	108.3	Tee (10" x 8") (FL) (Epoxy Coated)	1.	Each	\$ _____	\$ _____
17	108.3	Elbow (8" x 45 deg) (MJ) (Epoxy Coated)	8.	Each	\$ _____	\$ _____
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1.	Each	\$ _____	\$ _____
20	108.3	Fire Hydrant Assembly	1.	Each	\$ _____	\$ _____
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260.	Lin. Ft.	\$ _____	\$ _____
22	108.4	Tapping Saddle (8" x 3/4")	3.	Each	\$ _____	\$ _____
23	108.4	Corporation Stop (3/4")	3.	Each	\$ _____	\$ _____
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2.	Each	\$ _____	\$ _____
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2.	Each	\$ _____	\$ _____
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ _____	\$ _____
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ _____	\$ _____
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2.	Each	\$ _____	\$ _____
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1.	Each	\$ _____	\$ _____
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1.	Each	\$ _____	\$ _____
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4.	Each	\$ _____	\$ _____
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17.	Vert. Ft.	\$ _____	\$ _____
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8.	Vert. Ft.	\$ _____	\$ _____
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10.	Vert. Ft.	\$ _____	\$ _____
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2.	Each	\$ _____	\$ _____
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600.	Ton	\$ _____	\$ _____
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1.	Lump Sum	\$ _____	\$ _____
39	202	Removal of Bridge	1.	Lump Sum	\$ _____	\$ _____
40	202	Removal of Sign	3.	Each	\$ _____	\$ _____
41	202	Removal of Steel Posts	14.	Each	\$ _____	\$ _____
42	202	Removal of Manhole (Storm & Sewer)	3.	Each	\$ _____	\$ _____
43	202	Removal of Storm Inlet	1.	Each	\$ _____	\$ _____
44	202	Removal of Concrete Irrigation Ditch	2,150.	Lin. Ft.	\$ _____	\$ _____
45	202	Removal of Water Service	1.	Each	\$ _____	\$ _____
46	202	Removal of Water Valve	2.	Each	\$ _____	\$ _____
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100.	Lin. Ft.	\$ _____	\$ _____
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000.	Lin. Ft.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400.	Sq. Yd.	\$ _____	\$ _____
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6.	Each	\$ _____	\$ _____
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515.	Sq. Yd.	\$ _____	\$ _____
52	202	Removal of Fence	1,300.	Lin. Ft.	\$ _____	\$ _____
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3.	Each	\$ _____	\$ _____
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500.	Cu. Yd.	\$ _____	\$ _____
55	203	Muck Excavation (North Leach Creek)	3,250.	Cu. Yd.	\$ _____	\$ _____
56	203	Compaction (AASHTO T 99)	136.	Cu. Yd.	\$ _____	\$ _____
57	203	Potholing (As deemed necessary)	10.	Each	\$ _____	\$ _____
58	206	Structure Excavation	6,828.	Cu. Yd.	\$ _____	\$ _____
59	206	Structure Backfill (Class 1)	3,364.	Cu. Yd.	\$ _____	\$ _____
60	206	Structure Backfill (Class 2)	236.	Cu. Yd.	\$ _____	\$ _____
61	206	Structure Backfill (Flow-Fill)	50.	Cu. Yd.	\$ _____	\$ _____
62	206	Mechanical Reinforcement of Soil	2,991.	Cu. Yd.	\$ _____	\$ _____
63	206	Filter Material (Class B)	68.	Cu. Yd.	\$ _____	\$ _____
64	206	Filter Material (Class C)	174.	Cu. Yd.	\$ _____	\$ _____
65	207	Topsoil	452.	Cu. Yd.	\$ _____	\$ _____
66	207	Stockpile Topsoil	452.	Cu. Yd.	\$ _____	\$ _____
67	207	Wetland Topsoil (North Leach Creek)	260.	Cu. Yd.	\$ _____	\$ _____
68	208	Pre-Fabricated Concrete Washout Structure	1.	Each	\$ _____	\$ _____
69	208	Erosion Log (12 Inch)	1,000.	Lin. Ft.	\$ _____	\$ _____
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ _____	\$ _____
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ _____	\$ _____
72	208	Erosion Control Management (Working Days)	130.	Day	\$ _____	\$ _____



## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ _____	\$ _____
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ _____	\$ _____
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ _____	\$ _____
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ _____	\$ _____
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ _____	\$ _____
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ _____	\$ _____
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ _____	\$ _____
80	213	Landscape Boulder	29.	Each	\$ _____	\$ _____
81	214	Temporary Irrigation	1.	Lump Sum	\$ _____	\$ _____
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ _____	\$ _____
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ _____	\$ _____
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ _____	\$ _____
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ _____	\$ _____
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ _____	\$ _____
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ _____	\$ _____
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ _____	\$ _____
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ _____	\$ _____
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ _____	\$ _____
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ _____	\$ _____
92	214	Perennials (1 Gallon Container)	76.	Each	\$ _____	\$ _____
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ _____	\$ _____
94	214	Vines (5 Gallon Container)	3.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ _____	\$ _____
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ _____	\$ _____
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ _____	\$ _____
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ _____	\$ _____
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ _____	\$ _____
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ _____	\$ _____
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ _____	\$ _____
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ _____	\$ _____
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ _____	\$ _____
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ _____	\$ _____
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ _____	\$ _____
106	408	Link Seal	4.	Each	\$ _____	\$ _____
107	420	Geotextile (Drainage) (Class 1) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ _____	\$ _____
108	420	Geotextile (Separator) (Class 1) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ _____	\$ _____
109	502	Pile Tip	91.	Each	\$ _____	\$ _____
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ _____	\$ _____
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ _____	\$ _____
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ _____	\$ _____
114	509	Sump Access Hatch	1.	Each	\$ _____	\$ _____
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ _____	\$ _____
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ _____	\$ _____
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ _____	\$ _____
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ _____	\$ _____
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ _____	\$ _____
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ _____	\$ _____
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ _____	\$ _____
122	601	Sump Access Precast Riser	1.	Each	\$ _____	\$ _____
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ _____	\$ _____
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ _____	\$ _____
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ _____	\$ _____
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ _____	\$ _____
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ _____	\$ _____
128	602	Reinforcing Steel	86,639.	Pound	\$ _____	\$ _____
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ _____	\$ _____
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	29.	Lin. Ft.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ _____	\$ _____
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ _____	\$ _____
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ _____	\$ _____
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ _____	\$ _____
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ _____	\$ _____
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ _____	\$ _____
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ _____	\$ _____
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ _____	\$ _____
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ _____	\$ _____
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ _____	\$ _____
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ _____	\$ _____
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ _____	\$ _____
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ _____	\$ _____
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ _____	\$ _____
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ _____	\$ _____
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ _____	\$ _____
148	613	Type One Pull Box	22.	Each	\$ _____	\$ _____
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ _____	\$ _____
150	613	Wiring	1.	Lump Sum	\$ _____	\$ _____
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ _____	\$ _____
152	613	Light Standard Foundation (Special)	14.	Each	\$ _____	\$ _____
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ _____	\$ _____
154	613	Lighting Control Center (Special)	1.	Each	\$ _____	\$ _____
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ _____	\$ _____
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ _____	\$ _____
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ _____	\$ _____
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ _____	\$ _____
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ _____	\$ _____
160	620	Portable Sanitary Facility	1.	Each	\$ _____	\$ _____
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ _____	\$ _____
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ _____	\$ _____
163	623	Power Source Wire	25.	Lin. Ft.	\$ _____	\$ _____
164	623	Irrigation Controller	1.	Each	\$ _____	\$ _____
165	623	3 Inch HDPE Mainline	460.	Lin. Ft.	\$ _____	\$ _____
166	623	Manual Drain Valve	1.	Each	\$ _____	\$ _____
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
168	623	1 inch Automatic Control Valve	1.	Each	\$ _____	\$ _____
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ _____	\$ _____
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ _____	\$ _____
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ _____	\$ _____
172	623	Grounding LSLP Surge Protector	1.	Each	\$ _____	\$ _____
173	623	Jumbo Valve Box	2.	Each	\$ _____	\$ _____
174	623	Isolation Valves	2.	Each	\$ _____	\$ _____
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ _____	\$ _____
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ _____	\$ _____
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ _____	\$ _____
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ _____	\$ _____
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ _____	\$ _____
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ _____	\$ _____
181	623	Tree Ring Assembly	18.	Each	\$ _____	\$ _____
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ _____	\$ _____
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ _____	\$ _____
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ _____	\$ _____
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ _____	\$ _____
186	624	2 Inch DR-26 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ _____	\$ _____
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ _____	\$ _____
188	626	Mobilization	1.	Lump Sum	\$ _____	\$ _____
189	627	Epoxy Pavement Marking	6.	Gallon	\$ _____	\$ _____
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ _____	\$ _____
192	629	Survey Monument (Complete in Place)	1.	Each	\$ _____	\$ _____
193	630	Traffic Control Plan	1.	Lump Sum	\$ _____	\$ _____
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
195	630	Portable Message Sign Panel	90.	Day	\$ _____	\$ _____
196	630	Flagging	800.	Hour	\$ _____	\$ _____
197	650	Pumping System	1.	Lump Sum	\$ _____	\$ _____
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ _____	\$ _____
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ _____	\$ _____
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ _____	\$ _____
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ _____	\$ _____
202	SP	F/A Furnish & Install Electrical Service <b>(Do not add to total bid amount)</b> (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	-----
203	SP	F/A Sprinklers (At Golden Gate Gas Station) <b>(Do not add to total bid amount)</b> (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	-----
MCR		Minor Contract Revisions	---	---	---	\$ <u>150,000.00</u>
<b>Bid Amount:</b>						<b>\$ _____</b>

**Bid Amount:**

**dollars**

## Bid Schedule: G Road Bridge Replacement Project

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
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<b>Contractor Name:</b>
<b>Contractor Address:</b>
<b>Contractor Phone #:</b>



The undersigned Bidder proposes to subcontract the following portion of Work:

<u>Name &amp; address of Sub-Contractor</u>	<u>Description of work to be performed</u>	<u>% of Contract</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The undersigned Bidder acknowledges the right of the City to reject any and all Bids submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.



Purchasing Division

## ADDENDUM NO. 1

**DATE:** May 11, 2021  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** G Road Bridge Replacement Project IFB-4914-21-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. We had some interest in bidding the G road bridge replacement project and noticed that there is a mandatory pre bid on 5/12. Is attendance to that pre bid meeting in person mandatory or will you please send out a team invite to join?

A. Yes, the City will also offer a virtual meeting attendance option, see below.

Please join Pre-Bid Meeting - G Road Bridge Replacement Project, IFB-4914-21-DH on GoToConnect from your computer using the Chrome browser.

<https://app.goto.com/meet/398900109>

You can also dial in using your phone.

US: (646) 749-3129

Access Code: 398-900-109

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a white background.

Duane Hoff Jr., Senior Buyer  
City of Grand Junction, Colorado



Purchasing Division

## **ADDENDUM NO. 2**

**DATE: May 20, 2021**  
**FROM: City of Grand Junction Purchasing Division**  
**TO: All Offerors**  
**RE: G Road Bridge Replacement Project IFB-4914-21-DH**

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. The subject Bid Schedule requires Xypex Admix C-500 for waterproofing of Class D (Special) concrete. We submit for your review for approved alternate Master Builders Solutions Admixtures US, LLC (formerly BASF Corporation) provides fully equivalent waterproofing admixtures in the MasterLife 300 Series.

*A. For this bridge project, the City is going to stay with the Xypex Admix C-500 product per plan.*

2. Q. What about material delivery delays due to unusually long lead times, and/or locking in of pricing?

*A. Contractor shall submit letters from the manufactures they intend to use for this project of any such unusually long lead times, and/or issues of locking in pricing, with details of estimated delivery dates, and pricing lock in dates, assuming contract signing as per the dates stated in the solicitation documents.*

3. Q. What is the latest project start date that the City is willing to accept?

*A. Monday, July 19, 2021 is the latest for a construction start date.*

4. Q. What about weather delays for paving? Would the Contractor be allowed to finish the paving portion of the project, should weather become a factor?

*A. The City Project Engineer realizes the time of year this project is bidding will result in the paving operation being completed later in the year with the possibility the asphalt plants could be shut down for the season when the bridge project is ready to pave G Road. The Project Engineer realizes a winter shutdown may be needed for the asphalt paving operations, as well as for the landscaping and irrigation installation. If asphalt isn't available when the project is ready to pave, then the City and Contractor will have to decide on some sort of temporary*

*roadway surface (cold-mix asphalt or asphalt millings) to serve as the temporary surface until asphalt plants open back up. If needed, a change order will be developed for the winter shutdown and for the temporary roadway surface.*

5. Q. Water line is per Ute Specs. Ute water doesn't spec epoxy only DI fittings, just domestic. Bid schedule has all epoxy DI fittings. Please clarify if we are to bid all domestic or all epoxy domestic, as lead times will be different.

*A. All new waterline fittings shall be domestic fittings per Ute Water specifications. Please use the updated bid schedule included with Addendum #2.*

6. Q. Can corrugated HDPE be used as an alternate for the 30" RCP/FES?

*A. The 30" storm pipe and flared end section between stationing 0+48 to 1+08 shall remain as RCP. This is because the Project Engineer wants the flared end section to remain concrete for the reasons of ditch maintenance and the possibility of ditch burning. The 30" storm pipe between stationing 1+08 to 4+02 can be either Class II RCP or 30" Corrugated HDPE ADS N-12 Dual Wall, Watertight (WTIB) pipe. Line item #8, 30" Storm Drain Pipe, has been updated to reflect this approval to use 30" corrugated HDPE.*

7. Q. Item #106 Link Seal. Can you specify where this item is located in the plans?

*A. Link Seal is called out in the Base Slab Details (Sheet B11) within the bridge plans. The Link Seal is to be used on the pipe penetrations for the bike path pumping system sump pit.*

8. Q. Item #108 Geo sep. Can you clarify if this is to be woven or non-woven fabric, detail on page #41 doesn't clarify?

*A. A Class 1 woven separation fabric shall be used for the backfill of North Leach Creek.*

9. Q. Item #130 trench drain. Bid schedule has 29 ft but detail page #61 says 14ft, meaning 2 runs of 14ft?? Making it 28ft? Also on page #61 trench drain outlet says 6" but all piping is 4"? And c/o is 4" but says 6" brass cover?

*A. The bid quantity has been changed to 28 ft. Sheet C08 has been updated with the corrections and is included with Addendum #2.*

10. Q. Item #186 2" DR26.5 HDPE - Will a different DR rating like DR17 or DR11 be acceptable for stock purposes, DR26.5 not in stock?

*A. A 2" DR-17 IPS HDPE pipe will be an acceptable substitute. See updated Addendum #2 Bid Schedule.*

11. Q. Do you want bell restraints for the 10" SDR35 pipe inside the steel casing?

*A. Yes, restrained casing spacers shall be used on pipe joints within the steel casing pipe. Refer to City Standard Detail GU-07.*

12. Q. It states in the specifications that the existing bridge demolition cannot proceed until Charter & Century Link utility relocations are complete. Who is responsible for traffic control if the road closure is not in place for utility relocations?

*A. Bridge demolition can't start until the existing waterline, the existing gas lines, and the existing communication lines that are attached to the current bridge have been abandoned. The City's Contractor will be responsible for traffic control for any utility relocations that happen after Notice to Proceed has been issued. The City's Contractor is responsible for the trenching and backfill of the joint utility trench with Charter and Century Link. Charter and Century Link will provide and install their conduits. Since Century Link and Charter are relying on the City's Contractor to provide the trenching, these two utility companies relocation can't start until the City's Contractor gets started on the trenching. The City recommends that the Project start with the trenching needed for Century Link and Charter so these two utility companies can get started with their relocation.*

*The current plan is for Xcel Energy to provide their own traffic control for their gas line relocations in 24 Road and in the 24 and G Road intersection. There's a chance Xcel Energy may have their gas line relocations completed prior to the bridge project starting, but if Xcel doesn't have their gas line relocations completed, Xcel's traffic control will have to coordinate with the bridge Contractor's traffic control company.*

13. Q. Due to the potential utility relocation delays, can contract time begin on or about September 1, 2021 once all outside utilities are complete with the exception of contractor trenching/installation responsibilities for the utility companies?

*A. The Contract time will start as stated in the Notice to Proceed. If a utility company is delaying the project and the delay is out of the control of the City's Contractor, the Contractor shall notify the City Project Engineer immediately and the City will consider a change order for additional calendar days to be added to the Contract.*

14. Q. Due to Leach Creek being primarily fed by the Grand Valley Canal irrigation water, and due to the 180 calendar day schedule, would it not be more cost effective and beneficial to the City of Grand Junction to begin the demo/road closure on or about September 1, 2021? This would also allow the utility companies ample time to complete their relocation work, the water flows within Leach Creek to subside and potentially not impact the need and associated costs for a cold patch and contract time extension in the winter or 2022.

*A. With irrigation water being present in both the Grand Valley Water Users Association canal and the Grand Valley Irrigation Company's canals until the end of October, the City doesn't foresee less flow in North Leach Creek around September 1<sup>st</sup>. The flows in North Leach Creek should remain somewhat consistent from July to the end of October. The City doesn't believe it would be more cost effective and/or beneficial to delay the project based on flows in North Leach Creek.*

15. Q. Contractor acknowledges that some incidental items can begin along with the utility relocations, however, the major project items such as bridge demolition, earthwork and concrete placement, per the specs, cannot begin until the relocations are complete. Can the 180 calendar days begin once utility relocations are complete?

*A. No, the 180 Calendar Days begins on the date stated in the City's Notice to Proceed.*

16. Q. Due to the unstable market for steel and other material costs, and due to the fact that the suppliers will not guarantee pricing, is the City of Grand Junction going to make an exception for cost increases that are outside the Contractor's control?

*A. Contractor shall submit letters form the manufactures they intend to use for this project of any such unusually long lead times, and/or issues of locking in pricing, with details of estimated delivery dates, and pricing lock in dates, assuming contract signing as per the dates stated in the solicitation documents.*

17. Q. RockSol's geo investigation, section 12.0 states that a lightweight roller should be used for the compaction of the number 57 aggregate. What is the maximum weight of the compaction equipment that should be used?

*A. A lightweight compactor, such as a plate compactor, can be used to assure consistent placement and consolidation of the #57 aggregate.*

18. Q. There is no compaction percentage or moisture requirement for the number 57 aggregate. What is the required compaction percentage and moisture content for the number 57 aggregate?

*A. There is no compaction specification or moisture specification for #57 aggregate. Uniform placement to assure no void areas in the backfill and that the aggregate is consolidated is expected.*

19. Issued with this Addendum #2 is an updated Bid Schedule that shall be used for submitting a Bid.

20. Sheets C08 (page #61) and C09 (page #62) within the bridge's civil plan section have been updated and are included with this Addendum #2.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer  
City of Grand Junction, Colorado

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ _____	\$ _____
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ _____	\$ _____
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ _____	\$ _____
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ _____	\$ _____
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ _____	\$ _____
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ _____	\$ _____
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ _____	\$ _____
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ _____	\$ _____
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ _____	\$ _____
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ _____	\$ _____
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ _____	\$ _____
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ _____	\$ _____
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ _____	\$ _____
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2.	Each	\$ _____	\$ _____
15	108.3	Tee (8" x 6") (MJ x FL)	1.	Each	\$ _____	\$ _____
16	108.3	Tee (10" x 8") (FL)	1.	Each	\$ _____	\$ _____
17	108.3	Elbow (8" x 45 deg) (MJ)	8.	Each	\$ _____	\$ _____
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project

### ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1.	Each	\$ _____	\$ _____
20	108.3	Fire Hydrant Assembly	1.	Each	\$ _____	\$ _____
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260.	Lin. Ft.	\$ _____	\$ _____
22	108.4	Tapping Saddle (8" x 3/4")	3.	Each	\$ _____	\$ _____
23	108.4	Corporation Stop (3/4")	3.	Each	\$ _____	\$ _____
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2.	Each	\$ _____	\$ _____
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2.	Each	\$ _____	\$ _____
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ _____	\$ _____
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ _____	\$ _____
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2.	Each	\$ _____	\$ _____
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1.	Each	\$ _____	\$ _____
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1.	Each	\$ _____	\$ _____



## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1.	Each	\$ _____	\$ _____
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4.	Each	\$ _____	\$ _____
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17.	Vert. Ft.	\$ _____	\$ _____
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8.	Vert. Ft.	\$ _____	\$ _____
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10.	Vert. Ft.	\$ _____	\$ _____
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2.	Each	\$ _____	\$ _____
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600.	Ton	\$ _____	\$ _____
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1.	Lump Sum	\$ _____	\$ _____
39	202	Removal of Bridge	1.	Lump Sum	\$ _____	\$ _____
40	202	Removal of Sign	3.	Each	\$ _____	\$ _____
41	202	Removal of Steel Posts	14.	Each	\$ _____	\$ _____
42	202	Removal of Manhole (Storm & Sewer)	3.	Each	\$ _____	\$ _____
43	202	Removal of Storm Inlet	1.	Each	\$ _____	\$ _____
44	202	Removal of Concrete Irrigation Ditch	2,150.	Lin. Ft.	\$ _____	\$ _____
45	202	Removal of Water Service	1.	Each	\$ _____	\$ _____
46	202	Removal of Water Valve	2.	Each	\$ _____	\$ _____
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100.	Lin. Ft.	\$ _____	\$ _____
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000.	Lin. Ft.	\$ _____	\$ _____
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400.	Sq. Yd.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6.	Each	\$ _____	\$ _____
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515.	Sq. Yd.	\$ _____	\$ _____
52	202	Removal of Fence	1,300.	Lin. Ft.	\$ _____	\$ _____
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3.	Each	\$ _____	\$ _____
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500.	Cu. Yd.	\$ _____	\$ _____
55	203	Muck Excavation (North Leach Creek)	3,250.	Cu. Yd.	\$ _____	\$ _____
56	203	Compaction (AASHTO T 99)	136.	Cu. Yd.	\$ _____	\$ _____
57	203	Potholing (As deemed necessary)	10.	Each	\$ _____	\$ _____
58	206	Structure Excavation	6,828.	Cu. Yd.	\$ _____	\$ _____
59	206	Structure Backfill (Class 1)	3,364.	Cu. Yd.	\$ _____	\$ _____
60	206	Structure Backfill (Class 2)	236.	Cu. Yd.	\$ _____	\$ _____
61	206	Structure Backfill (Flow-Fill)	50.	Cu. Yd.	\$ _____	\$ _____
62	206	Mechanical Reinforcement of Soil	2,991.	Cu. Yd.	\$ _____	\$ _____
63	206	Filter Material (Class B)	68.	Cu. Yd.	\$ _____	\$ _____
64	206	Filter Material (Class C)	174.	Cu. Yd.	\$ _____	\$ _____
65	207	Topsoil	452.	Cu. Yd.	\$ _____	\$ _____
66	207	Stockpile Topsoil	452.	Cu. Yd.	\$ _____	\$ _____
67	207	Wetland Topsoil (North Leach Creek)	260.	Cu. Yd.	\$ _____	\$ _____
68	208	Pre-Fabricated Concrete Washout Structure	1.	Each	\$ _____	\$ _____
69	208	Erosion Log (12 Inch)	1,000.	Lin. Ft.	\$ _____	\$ _____
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ _____	\$ _____
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ _____	\$ _____
72	208	Erosion Control Management (Working Days)	130.	Day	\$ _____	\$ _____
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ _____	\$ _____
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ _____	\$ _____
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ _____	\$ _____
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ _____	\$ _____
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ _____	\$ _____
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ _____	\$ _____
80	213	Landscape Boulder	29.	Each	\$ _____	\$ _____
81	214	Temporary Irrigation	1.	Lump Sum	\$ _____	\$ _____
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ _____	\$ _____
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ _____	\$ _____
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ _____	\$ _____
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ _____	\$ _____
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ _____	\$ _____
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ _____	\$ _____
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ _____	\$ _____
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ _____	\$ _____
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ _____	\$ _____
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ _____	\$ _____
92	214	Perennials (1 Gallon Container)	76.	Each	\$ _____	\$ _____
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ _____	\$ _____
94	214	Vines (5 Gallon Container)	3.	Each	\$ _____	\$ _____
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ _____	\$ _____
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ _____	\$ _____
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ _____	\$ _____
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ _____	\$ _____
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ _____	\$ _____
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ _____	\$ _____
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ _____	\$ _____
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) (T-Top)	150.	Sq. Yd.	\$ _____	\$ _____
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ _____	\$ _____
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ _____	\$ _____
106	408	Link Seal	4.	Each	\$ _____	\$ _____
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ _____	\$ _____
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ _____	\$ _____
109	502	Pile Tip	91.	Each	\$ _____	\$ _____
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ _____	\$ _____
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock Limestone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ _____	\$ _____
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ _____	\$ _____
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ _____	\$ _____
114	509	Sump Access Hatch	1.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ _____	\$ _____
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ _____	\$ _____
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ _____	\$ _____
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ _____	\$ _____
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ _____	\$ _____
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ _____	\$ _____
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ _____	\$ _____
122	601	Sump Access Precast Riser	1.	Each	\$ _____	\$ _____
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ _____	\$ _____
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ _____	\$ _____
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ _____	\$ _____
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ _____	\$ _____
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ _____	\$ _____
128	602	Reinforcing Steel	86,639.	Pound	\$ _____	\$ _____
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ _____	\$ _____
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28.	Lin. Ft.	\$ _____	\$ _____
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ _____	\$ _____
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ _____	\$ _____
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ _____	\$ _____
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ _____	\$ _____
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ _____	\$ _____
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ _____	\$ _____
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ _____	\$ _____
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ _____	\$ _____
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ _____	\$ _____
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ _____	\$ _____
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ _____	\$ _____
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ _____	\$ _____
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ _____	\$ _____
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ _____	\$ _____
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ _____	\$ _____
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ _____	\$ _____
148	613	Type One Pull Box	22.	Each	\$ _____	\$ _____
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ _____	\$ _____
150	613	Wiring	1.	Lump Sum	\$ _____	\$ _____
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ _____	\$ _____
152	613	Light Standard Foundation (Special)	14.	Each	\$ _____	\$ _____
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
154	613	Lighting Control Center (Special)	1.	Each	\$ _____	\$ _____
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ _____	\$ _____
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ _____	\$ _____
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ _____	\$ _____
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ _____	\$ _____
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ _____	\$ _____
160	620	Portable Sanitary Facility	1.	Each	\$ _____	\$ _____
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ _____	\$ _____
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ _____	\$ _____
163	623	Power Source Wire	25.	Lin. Ft.	\$ _____	\$ _____
164	623	Irrigation Controller	1.	Each	\$ _____	\$ _____
165	623	3 Inch HDPE Mainline	460.	Lin. Ft.	\$ _____	\$ _____
166	623	Manual Drain Valve	1.	Each	\$ _____	\$ _____
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ _____	\$ _____
168	623	1 inch Automatic Control Valve	1.	Each	\$ _____	\$ _____
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ _____	\$ _____
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ _____	\$ _____
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ _____	\$ _____
172	623	Grounding LSLP Surge Protector	1.	Each	\$ _____	\$ _____
173	623	Jumbo Valve Box	2.	Each	\$ _____	\$ _____
174	623	Isolation Valves	2.	Each	\$ _____	\$ _____
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ _____	\$ _____
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ _____	\$ _____
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ _____	\$ _____

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ _____	\$ _____
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ _____	\$ _____
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ _____	\$ _____
181	623	Tree Ring Assembly	18.	Each	\$ _____	\$ _____
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ _____	\$ _____
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ _____	\$ _____
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ _____	\$ _____
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ _____	\$ _____
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ _____	\$ _____
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ _____	\$ _____
188	626	Mobilization	1.	Lump Sum	\$ _____	\$ _____
189	627	Epoxy Pavement Marking	6.	Gallon	\$ _____	\$ _____



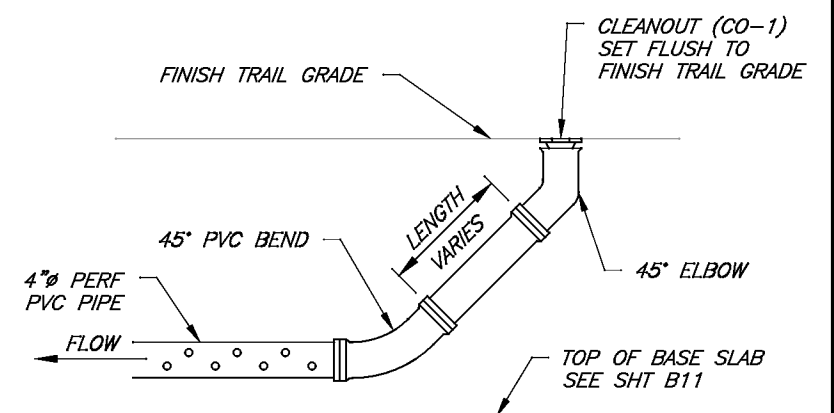
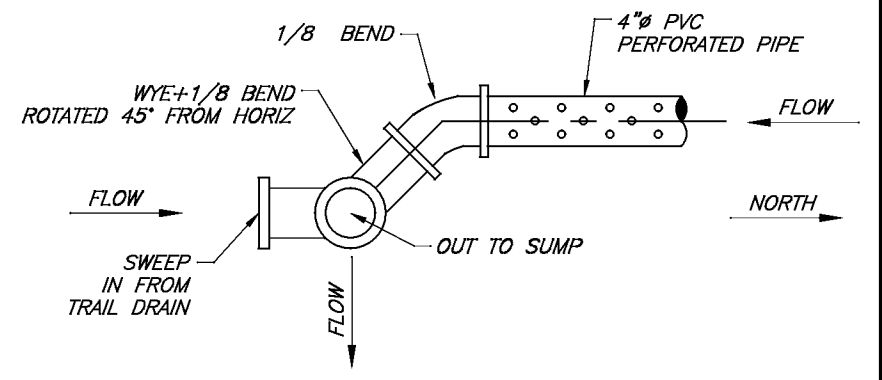
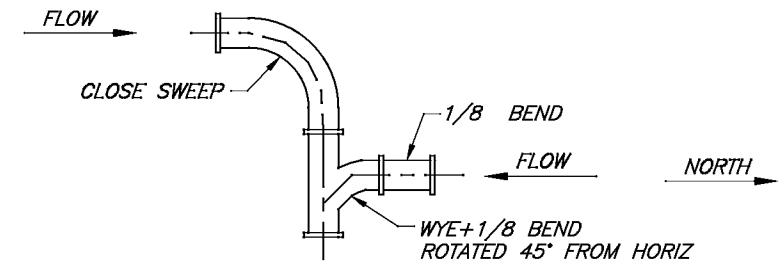
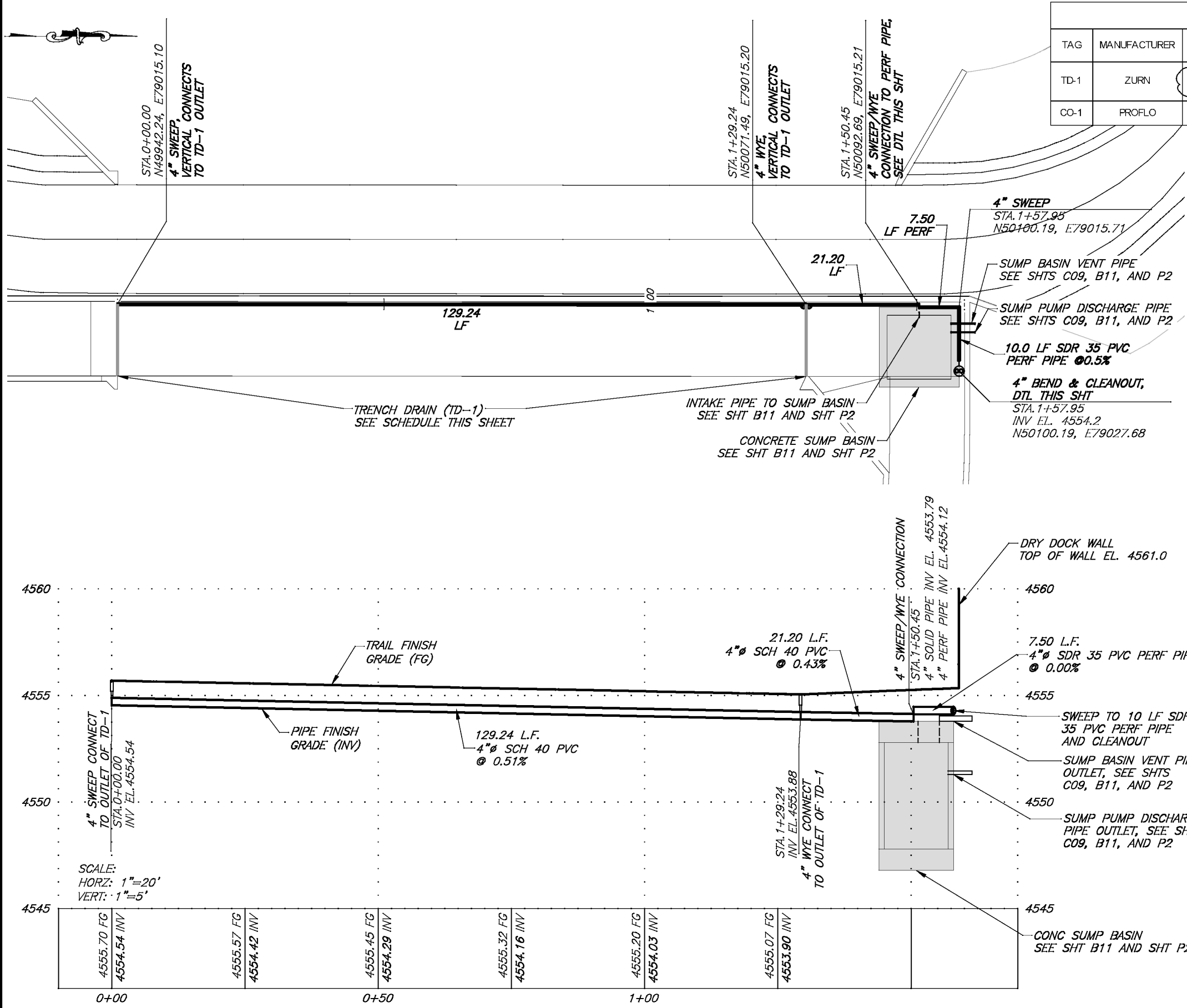
## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ _____	\$ _____
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ _____	\$ _____
192	629	Survey Monument (Complete in Place)	1.	Each	\$ _____	\$ _____
193	630	Traffic Control Plan	1.	Lump Sum	\$ _____	\$ _____
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
195	630	Portable Message Sign Panel	90.	Day	\$ _____	\$ _____
196	630	Flagging	800.	Hour	\$ _____	\$ _____
197	650	Pumping System	1.	Lump Sum	\$ _____	\$ _____
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ _____	\$ _____
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ _____	\$ _____
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ _____	\$ _____
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ _____	\$ _____
202	SP	F/A Furnish & Install Electrical Service <b>(Do not add to total bid amount)</b> (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	-----
203	SP	F/A Sprinklers (At Golden Gate Gas Station) <b>(Do not add to total bid amount)</b> (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	-----
MCR		Minor Contract Revisions	---	---	---	<u>\$ 150,000.00</u>



### TRENCH DRAIN SYSTEM SCHEDULE

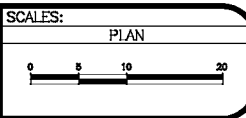
TAG	MANUFACTURER	MODEL	DESCRIPTION	TOTAL LENGTH (FT)
TD-1	ZURN	Z886-U4	6" WIDE REVEAL TRENCH DRAIN SYSTEM WITH 18" WIDE LEVEL FOOT-SLOTTED WIDE GRATE OR APPROVED EQUIVALENT, 4" NO-HUB BOTTOM OUTLET	14
CO-1	PROFLO	PF42809	4" ADJUSTABLE PVC HUB FIT CLEANOUT WITH 6 IN. BRASS COVER	--



NOTE:  
- LOCATE DRAIN IN 1" CROSS SLOPE LANDING OF FINISHED TRAIL SURFACE, NOT IN RAMP SECTION

REVISION	DESCRIPTION	DATE
1	Update trench drain model f. KAR	05/18/21
2		
3		
4		

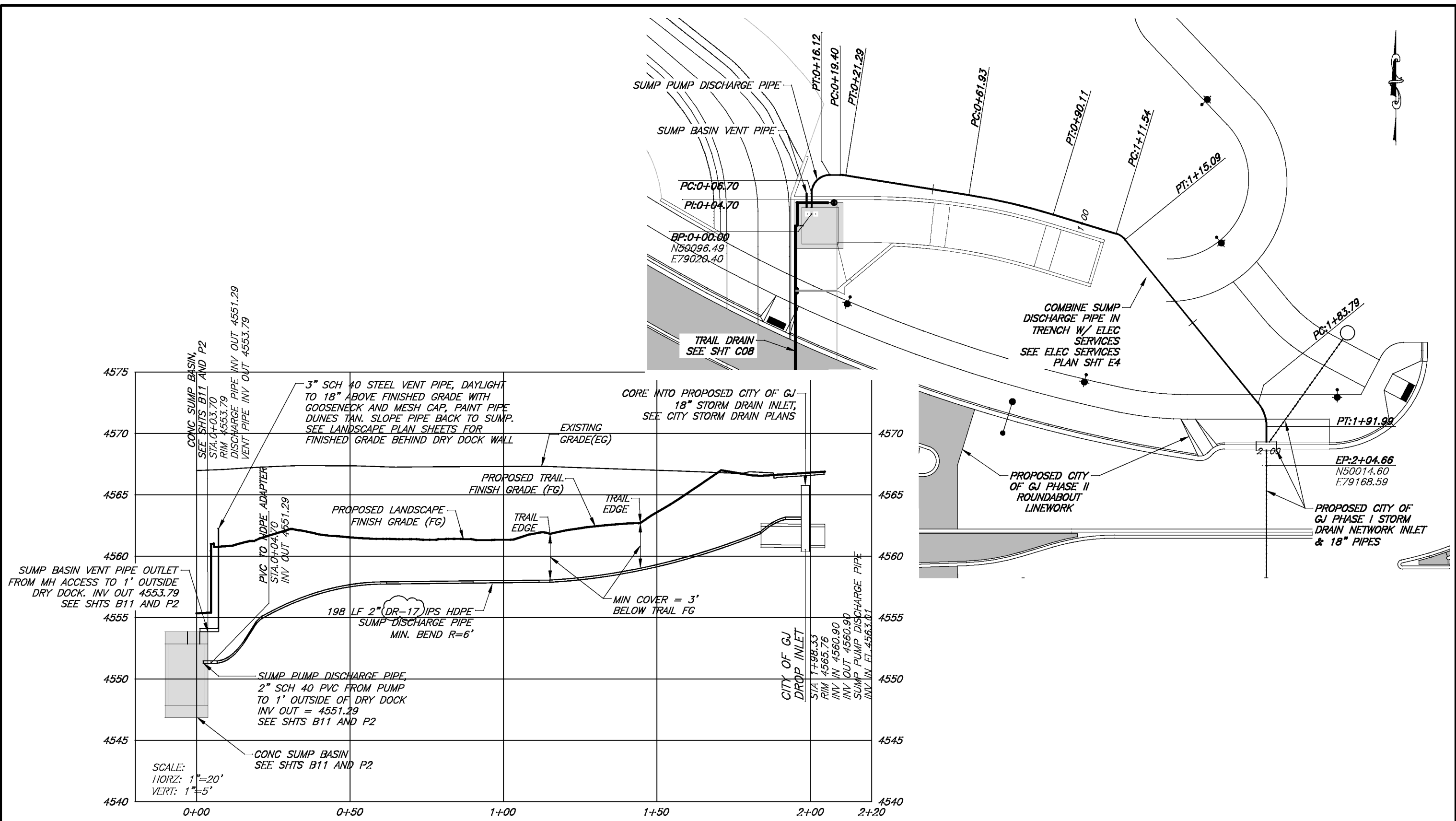
DRAWN BY SMK DATE 4.7.21  
 DESIGNED BY KAR DATE 4.7.21  
 CHECKED BY ELK DATE 4.7.21  
 APPROVED BY ELK DATE 4.7.21



**PUBLIC WORKS ENGINEERING DIVISION**

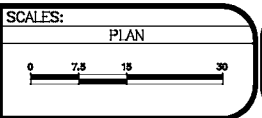
PROJECT NO. SGM: 2020-385.001

**G ROAD BRIDGE REPLACEMENT TRAIL DRAIN PLAN & PROFILE**



REVISION	DESCRIPTION	DATE
REVISION A	Update HDPE pipe rating, KAR	05/18/21
REVISION B		
REVISION C		
REVISION D		

DRAWN BY	SMK	DATE	4.7.21
DESIGNED BY	KAR	DATE	4.7.21
CHECKED BY	ELK	DATE	4.7.21
APPROVED BY	ELK	DATE	4.7.21



**CITY OF Grand Junction** **SGM** COLORADO

259 Grand Ave, Suite 200  
Grand Junction, CO 81506  
970.245.2571 www.sgm-inc.com

**PUBLIC WORKS ENGINEERING DIVISION**

PROJECT NO. SGM: 2020-385.001

**G ROAD BRIDGE REPLACEMENT SUMP DISCHARGE PLAN & PROFILE**



Purchasing Division

## ADDENDUM NO. 3

**DATE:** May 21, 2021  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** G Road Bridge Replacement Project IFB-4914-21-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Approval status for the following companies for this project:

Company Name	Location	Name	Phone	E-Mail	Construction - Pre- Qualification Approved/Not
Con-Sy, Inc.	Grand Junction, CO	Thomas Lee	970-549-1270	<a href="mailto:consyinc@aol.com">consyinc@aol.com</a>	Approved
Dirtworks Construction, LLC	Fruita, CO	Branden Hughes	970-256-1691	<a href="mailto:dirtworksconstruction@gmail.com">dirtworksconstruction@gmail.com</a>	Not Approved
K & D Construction, Inc.	Grand Junction, CO	Kevin Hopkins	970-433-7533	<a href="mailto:kevin@kdconstructioninc.com">kevin@kdconstructioninc.com</a>	Approved
Lawrence Construction Company	Littleton, CO	Scott Lawrence	303-791-5642	<a href="mailto:slawrence@lawrence-construction.com">slawrence@lawrence-construction.com</a>	Approved
M.A. Concrete Construction, Inc.	Grand Junction, CO	Jeff Nimon	970-243-3221	<a href="mailto:nimon.maconcrete@gmail.com">nimon.maconcrete@gmail.com</a>	Approved
Mountain Valley Contracting, Inc.	Grand Junction, CO	Richard Davis	970-245-1990	<a href="mailto:rick@mvcgj.com">rick@mvcgj.com</a>	Approved
Rumler Civil Construction, Inc.	Parker, CO	Miranda Kammerlohr	303-840-7726	<a href="mailto:mirandak@rumcivil.com">mirandak@rumcivil.com</a>	Not Approved
Sorter Construction, Inc.	Grand Junction, CO	Jesse Nelson	970-242-1436	<a href="mailto:jesse@sorterdigs.com">jesse@sorterdigs.com</a>	Approved
United Companies	Grand Junction, CO	Janel Tanner	970-243-4900	<a href="mailto:janel.tanner@na.crh.com">janel.tanner@na.crh.com</a>	Approved

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

Duane Hoff Jr., Senior Buyer  
 City of Grand Junction, Colorado

### 4. Contractor's Bid Form

Bid Date: 5/27/2021

Project: IFB-4914-21-DH "G Road Bridge Replacement Project"

Bidding Company: CON-SY INC

Name of Authorized Agent: THOMAS LEE OWNER/PRESIDENT

Email consyinc@aol.com

Telephone 970-549-1270 Address 719 ARROWEST RD

City GRAND JUNCTION State CO Zip 81505

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed work, hereby proposes to furnish all labor, materials and supplies, and to perform all work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty day (30) period.

Prices in the bid proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this bid proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a bid proposal for the purpose of restricting competition.
- The individual signing this bid proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-03544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of \_\_\_\_\_ percent of the net dollar will be offered to the Owner if the invoice is paid within \_\_\_\_\_ days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award that are no less than Net 10 days .

RECEIPT OF ADDENDA: the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: 3

It is the responsibility of the Bidder to ensure all Addenda have been received and acknowledged.

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: CON-SY INC

Authorized Signature: 

Title: THOMAS LEE OWNER/PRESIDENT

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	Water Main (6") (C-900 PVC, DR-18)	30.	Lin. Ft.	\$ <u>55.00</u>	\$ <u>1,650.00</u>
2	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	1,640.	Lin. Ft.	\$ <u>45.00</u>	\$ <u>73,800.00</u>
3	108.2	Water Main (8") (C-900 PVC, DR-18) (Restrained) (RieborLok Restrained Gasket Assembly) (Station 0+03 to 1+56 & Station 17+83 to 18+43)	215.	Lin. Ft.	\$ <u>88.00</u>	\$ <u>18,920.00</u>
4	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of MJ Solid Sleeve Coupling with Restraints or Engineer Approved Equal for connection into existing pipe)	20.	Lin. Ft.	\$ <u>78.00</u>	\$ <u>1,560.00</u>
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to existing sewer pipe)	370.	Lin. Ft.	\$ <u>80.00</u>	\$ <u>29,600.00</u>
6	108.2	12" Storm Drain Pipe (SDR-35 PVC or PIP) (Includes cost to core into the existing storm drain inlet box and the cost of connection)	107.	Lin. Ft.	\$ <u>45.00</u>	\$ <u>4,815.00</u>
7	108.2	18" Storm Drain Pipe (Corrugated HDPE)	101.	Lin. Ft.	\$ <u>55.00</u>	\$ <u>5,555.00</u>
8	108.2	30" Storm Drain Pipe (RCP, Class II or Corrugated HDPE) (Class II RCP shall be used from Station 0+48 to 1+08) (See Addendum #2)	365.	Lin. Ft.	\$ <u>66.00</u>	\$ <u>24,090.00</u>
9	108.2	30" Culvert End Section (Flared RCP)	1.	Each	\$ <u>2,122.00</u>	\$ <u>2,122.00</u>
10	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,500.	Ton	\$ <u>25.00</u>	\$ <u>62,500.00</u>
11	108.3	Gate Valve (6") (MJ)	1.	Each	\$ <u>1,651.00</u>	\$ <u>1,651.00</u>
12	108.3	Gate Valve (8") (MJ)	1.	Each	\$ <u>2,331.00</u>	\$ <u>2,331.00</u>
13	108.3	Gate Valve (10") (MJ)	2.	Each	\$ <u>3,518.00</u>	\$ <u>7,036.00</u>
14	108.3	Tee (8" x 4") (MJ x FL) (For use in Air Release Valve Assembly)	2.	Each	\$ <u>554.00</u>	\$ <u>1,108.00</u>
15	108.3	Tee (8" x 6") (MJ x FL)	1.	Each	\$ <u>724.00</u>	\$ <u>724.00</u>
16	108.3	Tee (10" x 8") (FL)	1.	Each	\$ <u>1,447.00</u>	\$ <u>1,447.00</u>
17	108.3	Elbow (8" x 45 deg) (MJ)	8.	Each	\$ <u>440.00</u>	\$ <u>3,520.00</u>
18	108.3	Blind Flange (8") (Includes Concrete Thurstblock) (To be used in 24 & G Road Intersection to abandon existing water pipe)	1.	Each	\$ <u>365.00</u>	\$ <u>365.00</u>

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
19	108.3	30" End Cap/Plug (For Use on RCP Storm Pipe)	1.	Each	\$ <u>1,133.00</u>	\$ <u>1,133.00</u>
20	108.3	Fire Hydrant Assembly	1.	Each	\$ <u>4,179.00</u>	\$ <u>4,179.00</u>
21	108.4	Water Service Line (3/4") (Type K Copper) (Includes cost of connection to existing drinking fountain assembly at park shelter)	260.	Lin. Ft.	\$ <u>5.00</u>	\$ <u>1,300.00</u>
22	108.4	Tapping Saddle (8" x 3/4")	3.	Each	\$ <u>315.00</u>	\$ <u>945.00</u>
23	108.4	Corporation Stop (3/4")	3.	Each	\$ <u>80.00</u>	\$ <u>240.00</u>
24	108.4	3/4" Meter Setter (Install Only) (Ute Water will provide Compression Connection, Meter Yoke, and FIP Outlet Connection per Ute Water Domestic Service Detail)	2.	Each	\$ <u>75.00</u>	\$ <u>150.00</u>
25	108.4	Meter Pit (Install Only) (Ute Water will provide new Meter Pit and Cast Iron Cone with Frost Lid per Ute Water Domestic Service Detail)	2.	Each	\$ <u>75.00</u>	\$ <u>150.00</u>
26	108.4	Air Release Valve Assembly (Assembly includes: 4" x 2" Companion Flange, 2" Nipple, 2" Ball Valve, 2" x 1" Bushing, and 1" Val-Matic 201C.2 Combo Air Valve per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ <u>857.00</u>	\$ <u>1,714.00</u>
27	108.5	Air Release Vault Assembly (Assembly includes: 48" I.D. Vault, 8" Thick x 8' Long x 8" Wide Grade Beams, 4" SCH. 40 Welded Steel Air Vent Pipe with Mesh Screen, 30" Manhole Cover with Frost Lid, and painted vent pipe per Ute Water's Std. Air Release Valve Detail)	2.	Each	\$ <u>4,603.00</u>	\$ <u>9,206.00</u>
28	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05)	2.	Each	\$ <u>5,563.00</u>	\$ <u>11,126.00</u>
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection as per Section 102.11, HDPE grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-05) (See Special Provision for Manhole Corrosion Protection)	1.	Each	\$ <u>7,063.00</u>	\$ <u>7,063.00</u>
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Cast-in-Place Base Manhole) (Existing Sewer Pipe is 12" PVC Pipe) (24 Road) (Includes Manhole Waterproofing, HDPE grade rings, and MH-310-24 CI cover) (See City Std. Detail SS-02)	1.	Each	\$ <u>22,000.00</u>	\$ <u>22,000.00</u>



## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
31	108.5	Storm Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing)	1.	Each	\$ <u>3,480.00</u>	\$ <u>3,480.00</u>
32	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes Manhole Waterproofing)	4.	Each	\$ <u>3,400.00</u>	\$ <u>13,600.00</u>
33	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	17.	Vert. Ft.	\$ <u>218.00</u>	\$ <u>3,706.00</u>
34	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing and Manhole Corrosion Protection)	8.	Vert. Ft.	\$ <u>318.00</u>	\$ <u>2,544.00</u>
35	108.5	Manhole Barrel Section (D>5') (60" I.D.) (Includes Manhole Waterproofing)	10.	Vert. Ft.	\$ <u>317.00</u>	\$ <u>3,170.00</u>
36	108.6	Double Storm Drain Inlet (Concrete Box Only) (No Frame & Grate Assembly) (Includes steel plate with dimensions equal to or greater than 78" long x 30" wide x 5/8" thick)	2.	Each	\$ <u>4,800.00</u>	\$ <u>9,600.00</u>
37	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	600.	Ton	\$ <u>37.00</u>	\$ <u>22,200.00</u>
38	202	Clearing and Grubbing (Includes Trees, Bushes, and Sod Removal)	1.	Lump Sum	\$ <u>15,000.00</u>	\$ <u>15,000.00</u>
39	202	Removal of Bridge	1.	Lump Sum	\$ <u>104,500.00</u>	\$ <u>104,500.00</u>
40	202	Removal of Sign	3.	Each	\$ <u>50.00</u>	\$ <u>150.00</u>
41	202	Removal of Steel Posts	14.	Each	\$ <u>25.00</u>	\$ <u>350.00</u>
42	202	Removal of Manhole (Storm & Sewer)	3.	Each	\$ <u>300.00</u>	\$ <u>900.00</u>
43	202	Removal of Storm Inlet	1.	Each	\$ <u>400.00</u>	\$ <u>400.00</u>
44	202	Removal of Concrete Irrigation Ditch	2,150.	Lin. Ft.	\$ <u>3.50</u>	\$ <u>7,525.00</u>
45	202	Removal of Water Service	1.	Each	\$ <u>760.00</u>	\$ <u>760.00</u>
46	202	Removal of Water Valve	2.	Each	\$ <u>100.00</u>	\$ <u>200.00</u>
47	202	Removal of Pipe (Sewer, Water, Storm) (Various Pipe Materials)	1,100.	Lin. Ft.	\$ <u>9.00</u>	\$ <u>9,900.00</u>
48	202	Removal of Abandoned Utilities and Conduits (Includes abandoned gas, power, and communication utilities and utility boxes)	1,000.	Lin. Ft.	\$ <u>20.00</u>	\$ <u>20,000.00</u>
49	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	400.	Sq. Yd.	\$ <u>5.00</u>	\$ <u>2,000.00</u>

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
50	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	6.	Each	\$ 50.00	\$ 300.00
51	202	Removal of Asphalt Mat (Full Depth) (6" Thick)	2,515.	Sq. Yd.	\$ 5.00	\$ 12,575.00
52	202	Removal of Fence	1,300.	Lin. Ft.	\$ 2.50	\$ 3,250.00
53	202	Abandon Well (Monitoring Wells) (Use Flowable Grout to Abandon Well Pipe)	3.	Each	\$ 500.00	\$ 1,500.00
54	203	Unclassified Excavation (Channel Grading) (Complete in Place)	2,500.	Cu. Yd.	\$ 10.50	\$ 26,250.00
55	203	Muck Excavation (North Leach Creek)	3,250.	Cu. Yd.	\$ 13.50	\$ 43,875.00
56	203	Compaction (AASHTO T 99)	136.	Cu. Yd.	\$ 35.00	\$ 4,760.00
57	203	Potholing (As deemed necessary)	10.	Each	\$ 500.00	\$ 5,000.00
58	206	Structure Excavation	6,828.	Cu. Yd.	\$ 13.50	\$ 92,178.00
59	206	Structure Backfill (Class 1)	3,364.	Cu. Yd.	\$ 32.00	\$ 107,648.00
60	206	Structure Backfill (Class 2)	236.	Cu. Yd.	\$ 35.00	\$ 8,260.00
61	206	Structure Backfill (Flow-Fill)	50.	Cu. Yd.	\$ 156.00	\$ 7,800.00
62	206	Mechanical Reinforcement of Soil	2,991.	Cu. Yd.	\$ 37.00	\$ 110,667.00
63	206	Filter Material (Class B)	68.	Cu. Yd.	\$ 56.00	\$ 3,808.00
64	206	Filter Material (Class C)	174.	Cu. Yd.	\$ 65.00	\$ 11,310.00
65	207	Topsoil	452.	Cu. Yd.	\$ 35.00	\$ 15,820.00
66	207	Stockpile Topsoil	452.	Cu. Yd.	\$ 9.00	\$ 4,068.00
67	207	Wetland Topsoil (North Leach Creek)	260.	Cu. Yd.	\$ 32.00	\$ 8,320.00
68	208	Pre-Fabricated Concrete Washout Structure	1.	Each	\$ 3,500.00	\$ 3,500.00
69	208	Erosion Log (12 Inch)	1,000.	Lin. Ft.	\$ 3.50	\$ 3,500.00
70	208	Pre-Fabricated Vehicle Tracking Pad	1.	Each	\$ 20,000.00	\$ 20,000.00
71	208	Storm Drain Inlet Protection (Type 2)	5.	Each	\$ 150.00	\$ 750.00
72	208	Erosion Control Management (Working Days)	130.	Day	\$ 150.00	\$ 19,500.00
73	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit)	1.	Lump Sum	\$ 6,000.00	\$ 6,000.00
74	212	Seeding (Wetlands) (See Wetlands Revegetation Plans)	0.1	Acre	\$ 9,581.00	\$ 958.10

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
75	212	Sod (Includes Soil Preparation)	1,750.	Sq. Ft.	\$ .98	\$ 1,715.00
76	212	Soil Amendment	17,050.	Sq. Ft.	\$ .26	\$ 4,433.00
77	213	1-1/2 Inch Tan Granite Mulch (3" Thick)	14,400.	Sq. Ft.	\$ 1.13	\$ 16,272.00
78	213	Red Crushed Granite (3" Thick)	900.	Sq. Ft.	\$ 1.84	\$ 1,656.00
79	213	Concrete Edger (6" Wide x 4" Thick)	125.	Lin. Ft.	\$ 6.33	\$ 791.25
80	213	Landscape Boulder	29.	Each	\$ 160.00	\$ 4,640.00
81	214	Temporary Irrigation	1.	Lump Sum	\$ 550.00	\$ 550.00
82	214	Deciduous Tree (1 Inch Caliper) (Rio Grande Cottonwood) (See Wetlands Revegetation Plans)	14.	Each	\$ 65.00	\$ 910.00
83	214	Deciduous Tree (2 Inch Caliper)	9.	Each	\$ 521.00	\$ 4,689.00
84	214	Deciduous Shrub (1 Gallon Container)	17.	Each	\$ 18.00	\$ 306.00
85	214	Deciduous Shrub (5 Gallon Container)	92.	Each	\$ 60.00	\$ 5,520.00
86	214	Deciduous Shrub (5 Gallon Container) (Coyote Willow) (See Wetlands Revegetation Plans)	50.	Each	\$ 60.00	\$ 3,000.00
87	214	Nursery Stock Deep Rooted Container (DRC #10) (Baltic Rush, Beaked Sedge) (See Wetlands Revegetation Plans)	640.	Each	\$ 2.75	\$ 1,760.00
88	214	Nursery Stock Deep Rooted Container (DRC #60) (Maritime Bulrush) (See Wetlands Revegetation Plans)	1,700.	Each	\$ 8.90	\$ 15,130.00
89	214	Evergreen Tree (Pine) (6 Foot) (Ball and Burlap)	4.	Each	\$ 704.00	\$ 2,816.00
90	214	Evergreen Tree (Juniper) (6 Foot) (Container)	4.	Each	\$ 495.00	\$ 1,980.00
91	214	Evergreen Shrub (5 Gallon Container)	18.	Each	\$ 109.75	\$ 1,975.50
92	214	Perennials (1 Gallon Container)	76.	Each	\$ 18.00	\$ 1,368.00
93	214	Ornamental Grasses (1 Gallon Container)	25.	Each	\$ 18.00	\$ 450.00
94	214	Vines (5 Gallon Container)	3.	Each	\$ 18.25	\$ 54.75
95	216	Soil Retention Blanket (Straw/Coconut) (BioNet SC150BN Erosion Control Blanket or Engineer Approved Equal)	210.	Sq. Yd.	\$ 2.04	\$ 428.40
96	304	Aggregate Base Course (Class 2)	3,864.	Cu. Yd.	\$ 27.25	\$ 105,294.00

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
97	304	Aggregate Base Course (Class 6) (8" Thick) (Pedestrian Pathway outside the limits of the Drydock System and Concrete Sidewalk at Park Shelter)	355.	Sq. Yd.	\$ <u>39.00</u>	\$ <u>13,845.00</u>
98	304	Aggregate Base Course (Class 6) (12" Thick) (G Road)	2,160.	Sq. Yd.	\$ <u>17.50</u>	\$ <u>37,800.00</u>
99	304	Aggregate Base Course (Class 6) (18" Thick) (24 Road)	141.	Sq. Yd.	\$ <u>40.00</u>	\$ <u>5,640.00</u>
100	304	Aggregate Base Course (CDOT No. 57 Concrete Aggregate)	1,656.	Cu. Yd.	\$ <u>42.00</u>	\$ <u>69,552.00</u>
101	304	Washed Rock Surface Course (Type A Pipe Bedding) (2" - 3" Thick) (30' Wide) (Surface treatment along new utility corridor)	800.	Sq. Yd.	\$ <u>60.00</u>	\$ <u>48,000.00</u>
102	401	Hot Bituminous Pavement (Patching) (G Road) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	2,250.	Sq. Yd.	\$ <u>28.50</u>	\$ <u>64,125.00</u>
103	401	Hot Bituminous Pavement (Patching) (24 Road) (6" Thick) (Grading SX, PG 64-22) (GYR.=75) (Three 2" Lifts) <b>(T-Top)</b>	150.	Sq. Yd.	\$ <u>77.00</u>	\$ <u>11,550.00</u>
104	401	Cold-Mix Asphalt Patching (Temporary Patching) (3" Thick) (As deemed necessary)	100.	Sq. Yd.	\$ <u>75.00</u>	\$ <u>7,500.00</u>
105	407	Emulsified Asphalt (Tack Coat)	270.	Gallon	\$ <u>4.50</u>	\$ <u>1,215.00</u>
106	408	Link Seal	4.	Each	\$ <u>43.00</u>	\$ <u>172.00</u>
107	420	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the channel riprap protection detail)	611.	Sq. Yd.	\$ <u>3.50</u>	\$ <u>2,138.50</u>
108	420	Geotextile (Separator) (Class 1) (Woven) (Geotextile is to be used for the backfill of North Leach Creek Backfill) (See Backfill Detail)	7,134.	Sq. Yd.	\$ <u>2.50</u>	\$ <u>17,835.00</u>
109	502	Pile Tip	91.	Each	\$ <u>172.50</u>	\$ <u>15,697.50</u>
110	502	Steel Piling (HP 12x53)	4,832.	Lin. Ft.	\$ <u>86.00</u>	\$ <u>415,552.00</u>
111	504	Precast Concrete Block Retaining Wall System (Redi-Rock LedgeStone or Approved Equal) (Color = Sandstone) (Includes Cap Stone, Perforated Drain Pipe, Leveling Pad, excavation, and backfill per details)	452.	Facial Sq. Ft.	\$ <u>57.00</u>	\$ <u>25,764.00</u>
112	506	Riprap (9 Inch)	355.	Cu. Yd.	\$ <u>85.00</u>	\$ <u>30,175.00</u>
113	506	Riprap (12 Inch)	123.	Cu. Yd.	\$ <u>88.00</u>	\$ <u>10,824.00</u>
114	509	Sump Access Hatch	1.	Each	\$ <u>3,107.00</u>	\$ <u>3,107.00</u>

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
115	509	Vine Trellis (Includes painting & concrete footers per detail)	3.	Each	\$ <u>416.00</u>	\$ <u>1,248.00</u>
116	514	Pedestrian Safety Railing (Steel) (See Landscape Plans for Railing Details)	279.	Lin. Ft.	\$ <u>294.00</u>	\$ <u>82,026.00</u>
117	514	Handrailing (Steel) (Pathway Railing) (See Landscape Plans for Pathway Railing Details)	379.	Lin. Ft.	\$ <u>165.00</u>	\$ <u>62,535.00</u>
118	515	Waterproofing (Membrane)	617.	Sq. Yd.	\$ <u>28.00</u>	\$ <u>17,276.00</u>
119	517	Waterproofing (Asphalt)	434.	Sq. Yd.	\$ <u>85.00</u>	\$ <u>36,890.00</u>
120	518	Waterstop (Special)	710.	Lin. Ft.	\$ <u>21.00</u>	\$ <u>14,910.00</u>
121	518	Waterstop (6 Inch)	149.	Lin. Ft.	\$ <u>27.00</u>	\$ <u>4,023.00</u>
122	601	Sump Access Precast Riser	1.	Each	\$ <u>2,500.00</u>	\$ <u>2,500.00</u>
123	601	Concrete Class D (Special) (Includes Xypex Admix C-500 Waterproofing)	537.	Cu. Yd.	\$ <u>950.00</u>	\$ <u>510,150.00</u>
124	601	Concrete Class D (Bridge)	305.	Cu. Yd.	\$ <u>850.00</u>	\$ <u>259,250.00</u>
125	601	Structural Concrete Coating	6,748.	Sq. Ft.	\$ <u>2.75</u>	\$ <u>18,557.00</u>
126	601	Structural Concrete Coating (Anti-Graffiti)	6,748.	Sq. Ft.	\$ <u>3.00</u>	\$ <u>20,244.00</u>
127	601	Aspen Tree Artwork Concrete Foundations (Includes 4.5" dia. SCH. 40 Steel Pipe Slip Pole, 3,000 psi Concrete, Rebar Reinforcement, and Welded Slip Pole Ties) (City will install Aspen Tree Artwork into completed foundations)	12.	Each	\$ <u>200.00</u>	\$ <u>2,400.00</u>
128	602	Reinforcing Steel	86,639.	Pound	\$ <u>2.00</u>	\$ <u>173,278.00</u>
129	602	Reinforcing Steel (Epoxy Coated)	48,974.	Pound	\$ <u>2.50</u>	\$ <u>122,435.00</u>
130	604	Inlet Special (Trench Drain TD-1) (6 Inch Width) (Includes Pipe Fittings) (See Trail Drain Details)	28.	Lin. Ft.	\$ <u>122.00</u>	\$ <u>3,416.00</u>
131	604	Clean-Out Assembly (CO-1) (Includes all necessary pipe fittings) (See Trail Drain Details)	1.	Each	\$ <u>100.00</u>	\$ <u>100.00</u>
132	607	Barrier Fence (48" High) (Includes all fencing, posts, end posts, ties, and concrete per CDOT M Standard M-607-3)	975.	Lin. Ft.	\$ <u>7.00</u>	\$ <u>6,825.00</u>
133	607	Fencing (Plastic) (Temporary Construction Fencing)	475.	Lin. Ft.	\$ <u>4.00</u>	\$ <u>1,900.00</u>
134	607	Tree Protection Zone Fencing (Includes Fencing and Signage per Details)	5.	Each	\$ <u>200.00</u>	\$ <u>1,000.00</u>

1340963.00

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
135	608	Concrete Sidewalk (6" Thick) (14' Wide) (Bridge Drydock System) (See Bridge Plans) (Includes Concrete Jointing & Concrete Joint Sealant)	523.	Sq. Yd.	\$ <u>31.00</u>	\$ <u>16,213.00</u>
136	608	Concrete Sidewalk (6" Thick) (12' Wide) (Sidewalk outside the limits of the Drydock System) (Includes Concrete Jointing & Concrete Joint Sealant)	315.	Sq. Yd.	\$ <u>32.00</u>	\$ <u>10,080.00</u>
137	608	Cap Top Half of Pipe in Concrete per City Std. Detail GU-04 (20' long)	3.	Each	\$ <u>700.00</u>	\$ <u>2,100.00</u>
138	608	Concrete Drainage Pan (2' Wide) (Includes Steel Reinforcement) (Includes Concrete Jointing & Concrete Joint Sealant)	11.	Sq. Yd.	\$ <u>230.00</u>	\$ <u>2,530.00</u>
139	608	Concrete Sidewalk (4" Thick) (Concrete at Canyon View Park Shelter)	8.	Sq. Yd.	\$ <u>65.00</u>	\$ <u>520.00</u>
140	608	Concrete Curb & Gutter (2'-6" Wide) (24 Road) (Match in Kind)	40.	Lin. Ft.	\$ <u>35.00</u>	\$ <u>1,400.00</u>
141	613	4 Inch Electrical Conduit (Plastic) (SCH-80) (For use on Xcel Energy's buried electric)	210.	Lin. Ft.	\$ <u>8.80</u>	\$ <u>1,848.00</u>
142	613	2 Inch Electrical Conduit (Plastic)	1,318.	Lin. Ft.	\$ <u>2.20</u>	\$ <u>28,996.00</u>
143	613	2 Inch Broadband Conduit (Plastic) (SCH-80) (Includes 10 gauge tracer wire and pull rope placed inside of conduit)	277.	Lin. Ft.	\$ <u>11.00</u>	\$ <u>3,047.00</u>
144	613	1 Inch Electrical Conduit (Plastic)	354.	Lin. Ft.	\$ <u>8.80</u>	\$ <u>3,115.20</u>
145	613	3/4 Inch Electrical Conduit (GRC)	10.	Lin. Ft.	\$ <u>11.00</u>	\$ <u>110.00</u>
146	613	4" Plastic Sweep Elbows (SCH-80) (For use on Xcel Energy's buried electric)	4.	Each	\$ <u>389.50</u>	\$ <u>1,558.00</u>
147	613	2" Plastic Sweep Elbows (SCH-80) (Broadband) (For use on City's broadband conduit)	4.	Each	\$ <u>104.50</u>	\$ <u>418.00</u>
148	613	Type One Pull Box	22.	Each	\$ <u>924.00</u>	\$ <u>20,328.00</u>
149	613	Broadband Pull Box (30" x 48" x 24") (3048 Polymer Concrete Series - Tier 22) (Split Lid) (Includes 2-3 inch thick of Pea Gravel placed within bottom of box)	1.	Each	\$ <u>1,959.00</u>	\$ <u>1,959.00</u>
150	613	Wiring	1.	Lump Sum	\$ <u>33,058.00</u>	\$ <u>33,058.00</u>
151	613	Light Standard and Luminaire (Pedestrian "SA")	14.	Each	\$ <u>3,946.00</u>	\$ <u>55,244.00</u>
152	613	Light Standard Foundation (Special)	14.	Each	\$ <u>2,152.00</u>	\$ <u>30,128.00</u>
153	613	Light Standard and Luminaire (Tunnel "SB")	1.	Each	\$ <u>71,809.00</u>	\$ <u>71,809.00</u>

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
154	613	Lighting Control Center (Special)	1.	Each	\$ 850.00	\$ 850.00
155	618	Prestressed Concrete Slab (Depth Greater than 13 Inches)	4,779.	Sq. Ft.	\$ 94.00	\$ 449,226.00
156	619	3 Inch SCH-40 Steel Pipe (Air Vent Pipe) (Includes welding, pipe fittings, pipe gooseneck fitting with #24 stainless steel mesh screen cap and vent pipe painted Dunes Tan) (See Trail Drain Details)	14.	Lin. Ft.	\$ 99.00	\$ 1,386.00
157	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	50.	Lin. Ft.	\$ 89.00	\$ 4,450.00
158	619	20" x 10" Casing Pipe End Caps	2.	Each	\$ 275.00	\$ 550.00
159	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	8.	Each	\$ 153.00	\$ 1,224.00
160	620	Portable Sanitary Facility	1.	Each	\$ 4,000.00	\$ 4,000.00
161	623	4 Inch PVC Irrigation Sleeve	180.	Lin. Ft.	\$ 7.32	\$ 1,317.60
162	623	1-1/2 Inch Irrigation Sleeve	107.	Lin. Ft.	\$ 3.85	\$ 411.95
163	623	Power Source Wire	25.	Lin. Ft.	\$ 5.50	\$ 137.50
164	623	Irrigation Controller	1.	Each	\$ 6,455.00	\$ 6,455.00
165	623	3 Inch HDPE Mainline	460.	Lin. Ft.	\$ 17.35	\$ 7,981.00
166	623	Manual Drain Valve	1.	Each	\$ 332.00	\$ 332.00
167	623	3/4 Inch Quick Coupler Valve	2.	Each	\$ 398.50	\$ 797.00
168	623	1 inch Automatic Control Valve	1.	Each	\$ 697.90	\$ 697.90
169	623	1-1/2 Inch Automatic Control Valve	2.	Each	\$ 778.00	\$ 1,556.00
170	623	2-wire Control Wire	325.	Lin. Ft.	\$ .83	\$ 269.75
171	623	2-wire Control (Includes Decoders & Valve)	1.	Lump Sum	\$ 713.00	\$ 713.00
172	623	Grounding LSLP Surge Protector	1.	Each	\$ 411.00	\$ 411.00
173	623	Jumbo Valve Box	2.	Each	\$ 81.00	\$ 162.00
174	623	Isolation Valves	2.	Each	\$ 1,758.00	\$ 3,516.00
175	623	1 inch PVC Lateral Pipe	450.	Lin. Ft.	\$ 3.00	\$ 1,350.00
176	623	1-1/2 Inch PVC Lateral Pipe	155.	Lin. Ft.	\$ 3.15	\$ 488.25
177	623	4 Inch Pop-Up Spray Sprinkler w/ Nozzle	10.	Each	\$ 30.00	\$ 300.00

**Bid Schedule: G Road Bridge Replacement Project  
ADDENDUM #2**

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
178	623	Riser Assembly to Compression Tee (Not Including Tree Rings)	8.	Each	\$ <u>17.90</u>	\$ <u>143.20</u>
179	623	1/2" Drip Distribution Tubing	2,129.	Lin. Ft.	\$ <u>1.25</u>	\$ <u>2,661.25</u>
180	623	Drip Emitter (Includes 1/4" distribution tubing)	610.	Each	\$ <u>.83</u>	\$ <u>506.30</u>
181	623	Tree Ring Assembly	18.	Each	\$ <u>58.38</u>	\$ <u>1,050.84</u>
182	623	1/2 Inch Flush Box Assembly	5.	Each	\$ <u>62.00</u>	\$ <u>310.00</u>
183	623	Adjust Existing Lawn Area Irrigation (Lawn Area West of Handball Court)	1.	Lump Sum	\$ <u>660.00</u>	\$ <u>660.00</u>
184	624	4 Inch Plastic Pipe (SCH-40 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	152.	Lin. Ft.	\$ <u>8.75</u>	\$ <u>1,330.00</u>
185	624	4 Inch Plastic Pipe (Perforated) (SDR-35 PVC) (Includes Pipe Fittings) (See Trail Drain Details)	20.	Lin. Ft.	\$ <u>10.00</u>	\$ <u>200.00</u>
186	624	2 Inch DR-17 IPS HDPE Pipe (Includes Pipe Fittings) (See Trail Drain Details)	200.	Lin. Ft.	\$ <u>8.00</u>	\$ <u>1,600.00</u>
187	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ <u>45,000.00</u>	\$ <u>45,000.00</u>
188	626	Mobilization	1.	Lump Sum	\$ <u>300,000.00</u>	\$ <u>300,000.00</u>
189	627	Epoxy Pavement Marking	6.	Gallon	\$ <u>688.00</u>	\$ <u>4,128.00</u>



## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
190	627	Preformed Thermoplastic Pavement Marking (Left Turn Arrow)	160.	Sq. Ft.	\$ 33.00	\$ 5,280.00
191	627	Preformed Thermoplastic Pavement Marking (Xwalk - Stop Line)	268.	Sq. Ft.	\$ 27.50	\$ 7,370.00
192	629	Survey Monument (Complete in Place)	1.	Each	\$ 3,000.00	\$ 3,000.00
193	630	Traffic Control Plan	1.	Lump Sum	\$ 138.00	\$ 138.00
194	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,220.00	\$ 44,220.00
195	630	Portable Message Sign Panel	90.	Day	\$ 110.00	\$ 9,900.00
196	630	Flagging	800.	Hour	\$ 27.50	\$ 22,000.00
197	650	Pumping System	1.	Lump Sum	\$ 6,358.00	\$ 6,358.00
198	SP	Anti-Seep Collar (4' x 4') (Construct per details shown in the plans)	1.	Each	\$ 200.00	\$ 200.00
199	SP	Bypass Pumping (North Leach Creek) (For Installation of Utilities crossing North Leach Creek) (Contractor responsible for estimating the flows in North Leach Creek & sizing pump) (Includes materials for coffer dam)	1.	Lump Sum	\$ 25,000.00	\$ 25,000.00
200	SP	Utility Trenching (Grand Valley Power & Charter) (Contractor shall provide trenching, backfill, and conduit installation for the buried Grand Valley Power and Charter/Spectrum utilities) (Utility Owner's shall provide the necessary conduits and vaults for the City Contractor to install) (Applies from Sta. 40+25 to 49+60)	1,030.	Lin. Ft.	\$ 10.00	\$ 10,300.00
201	SP	Utility Trenching (Century Link & Charter) (Contractor shall provide trenching and backfill for the Century Link and Charter conduits. Century Link and Charter will supply and install their own conduits)	510.	Lin. Ft.	\$ 9.00	\$ 4,590.00
202	SP	F/A Furnish & Install Electrical Service <b>(Do not add to total bid amount)</b> (Electrical Service for the Pedestrian Lights)	-----	Force Account	\$ 12,000.00	-----
203	SP	F/A Sprinklers (At Golden Gate Gas Station) <b>(Do not add to total bid amount)</b> (F/A to be used for making sprinkler system repairs in the turf area of Golden Gate gas station as a result of utility relocations)	-----	Force Account	\$ 5,000.00	-----
MCR		Minor Contract Revisions	---	---	---	\$ 150,000.00

## Bid Schedule: G Road Bridge Replacement Project ADDENDUM #2

Item No.	CDOT, City Ref. Description	Quantity	Units	Unit Price	Total Price
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**Bid Amount:**                      \$ 4,759,764.74

**Bid Amount:**

Four Million Seven hundred fifty-nine thousand seven hundred sixty-four and seventy four cents **dollars**

<b>Contractor Name:</b> CON-SY INC
<b>Contractor Address:</b> 719 ARROWEST RD GRAND JUNCTION, CO 81505
<b>Contractor Phone #:</b> 970-549-1270

The undersigned Bidder proposes to subcontract the following portion of Work:

<u>Name &amp; address of Sub-Contractor</u>	<u>Description of work to be performed</u>	<u>% of Contract</u>
Rumler Civil Construction Inc. 2540 G Road Grand Junction, CO 81501	Steel Piling and pile tips	4.5%
Clemmer Welding 714 Arrowst Ct Grand Junction, CO 81505	Handrail	1.5%
ABCO Contracting Inc.	Waterproofing	.8%
Asphalt Specialist and Supply Inc 2462 Industrial Blvd. Grand Junction, CO 81505	Paving	1.5%

The undersigned Bidder acknowledges the right of the City to reject any and all Bids submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

Deep Creek 840 23 1/2 Road Grand Junction 81505	Landscaping	2.5%
Sturgeon Electric Company	Electrical	4%
CC Enterprises 830 21 1/2 RD GJ 81505	Traffic Control	1.2%
Buckhorn Engineering 222 South Park Ave Montrose, CO 81401	Surveying	.5%
WH Engineering Inc 2257 Fawn Ridge Ct Grand Junction, CO 81507	Pile Installation	2.5%
American Striping Company 6829 S. Dawson Cir Centennial, CO 80112	Striping	.5%
Huddleston-Berry 2789 Riverside Pkwy Grand Junction, CO 81501	Testing and inspection	1%

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned \_\_\_\_\_  
Con-Sy, Inc., a Corporation  
organized under the laws of the State of Colorado, hereinafter  
referred to as the "Contractor" and Employers Mutual Casualty Company  
\_\_\_\_\_, a corporation organized under the laws of the State of Iowa  
\_\_\_\_\_, and authorized and licensed to transact business in the State of  
Colorado, hereinafter referred to as the "Surety," are held and firmly bound unto the  
City of Grand Junction, Colorado, hereinafter referred to as the "City", in the penal sum  
of Four Million Seven Hundred Fifty Thousand Six Hundred Sixty-eight And 34/100  
\_\_\_\_\_ dollars (\$4,750,668.34), lawful money of the  
United States of America, for the payment of which sum the Contractor and Surety bind  
themselves and their heirs, executors, administrators, successors and assigns, jointly  
and severally by these presents.

WHEREAS, the above Contractor has on the 17th day of June,  
2021, entered into a written contract with the City for furnishing all labor, materials,  
equipment, tools, superintendence, and other facilities and accessories for the  
construction of G Road Bridge Replacement Project, IFB-4914-21-DH  
\_\_\_\_\_ (the "Project") and Contract No. IFB-4914-21-DH, if appropriate, in  
accordance with the Contract, Special Conditions, Special Provisions, General Contract  
Conditions, Contract Drawings, Specifications and all other Contract Documents  
therefor which are incorporated herein by reference and made a part hereof, and are  
herein referred to as the "Contract".

NOW, THEREFORE, the conditions of this performance bond are such that if the  
Contractor:

1. Promptly and faithfully observes, abides by and performs each and every covenant, condition and part of said Contract, including, but not limited to, its warranty provisions, in the time and manner prescribed in the Contract, and
2. Pays the City all losses, damages (liquidated or actual, including, but not limited to, damages caused by delays in performance of the Contract), expenses, costs and attorneys' fees, that the City sustains resulting from
3. any breach or default by the Contractor under the Contract,

then this bond is void; otherwise, it shall remain in full force and effect.

IN ADDITION, if said Contractor fails to duly pay for any labor, materials, team hire, sustenance, provisions, provender, or any other supplies used or consumed by said Contractor or its subcontractors in its performance of the Work contracted to be done or fails to pay any person who supplies rental machinery, tools, or equipment, all amounts due as the result of the use of such machinery, tools or equipment in the prosecution of the work, the Surety shall pay the same in an amount not exceeding the amount of this obligation, together with interest at the rate of eight percent per annum.

PROVIDED FURTHER, that the said Surety, for value received, hereby stipulates and agrees that any and all changes in the Contract or compliance or noncompliance with the formalities in the Contract for making such changes shall not affect the Surety's obligations under this bond and the Surety hereby waives notice of any such changes. Further, Contractor and Surety acknowledge that the penal sum of this bond shall increase in accordance with approved changes to the Contract Documents without obtaining the Surety's consent up to a maximum of 20 percent of the penal sum. Any additional increases in the penal sum shall require the Surety's consent.

IN WITNESS WHEREOF, said Contractor and said Surety have executed these presents as of this 23rd day of June, 2021

CONTRACTOR: Con-Sy, Inc.

By: [Signature]

Title: [Signature]

ATTEST: [Signature]

Secretary

SURETY: Employers Mutual Casualty Company

By: [Signature]

Title: Attorney-in-Fact

(Accompany this Bond with the attorney-in-fact's authority from the surety to execute this Bond, certified to include the date of the Bond.)

## BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, Con-Sy, Inc

719 Arrowest Rd., Grand Junction, CO 81505 as Principal, and

Employers Mutual Casualty Company as Surety, are hereby

held and firmly bound unto City of Grand Junction as OWNER

in the penal sum of Five Percent (5%) of Total Amount Bid

\_\_\_\_\_ for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this 27th day of May, 2021.

The Condition of the above obligation is such that whereas the Principal has submitted to \_\_\_\_\_

City of Grand Junction a certain BID, attached hereto

and hereby made a part hereof to enter into a contract in writing, for the \_\_\_\_\_

G Road Bridge Replacement Project, IFB-4914-21-DH

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID,

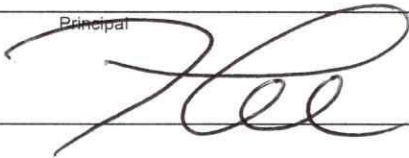
then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Con-Sy, Inc \_\_\_\_\_ (L.S.)

Principal




By: \_\_\_\_\_

Employers Mutual Casualty Company \_\_\_\_\_

Surety

By: \_\_\_\_\_



K'Anne E. Vogel



Attorney-in-Fact

IMPORTANT - Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.



P.O. Box 712 • Des Moines, Iowa 50306-0712

### POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, that:

- 1. Employers Mutual Casualty Company, an Iowa Corporation
- 2. EMCASCO Insurance Company, an Iowa Corporation
- 3. Union Insurance Company of Providence, an Iowa Corporation
- 4. Illinois EMCASCO Insurance Company, an Iowa Corporation
- 5. Dakota Fire Insurance Company, a North Dakota Corporation
- 6. EMC Property & Casualty Company, an Iowa Corporation

hereinafter referred to severally as "Company" and collectively as "Companies", each does, by these presents, make, constitute and appoint:

TIMOTHY J. BLANCHARD, ROBERT CHARLES TORREZ, VICKIE GOLOBIC, TERRI L. REESE, CHRISTINA L. TOWNSEND, JENNIFER J. WALKER, BARBARA J. ARNOLD, ASHLEY K. ANDERSON, MARY ANN EURICH, DONNA L. ADAMS, RUTH ANNE LINDSAY, Lynn Christine Bosman, Nikki M. Mosbrucker, Nicole Lee McGuire, K'Anne E. Vogel

its true and lawful attorney-in-fact, with full power and authority conferred to sign, seal, and execute the Surety Bond:

#### Any and All Bonds

and to bind each Company thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of each such Company, and all of the acts of said attorney pursuant to the authority hereby given are hereby ratified and confirmed.

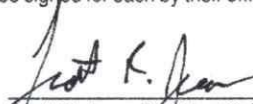
The authority hereby granted shall expire October 10th, 2022, unless sooner revoked.

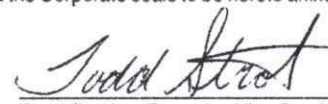
### AUTHORITY FOR POWER OF ATTORNEY

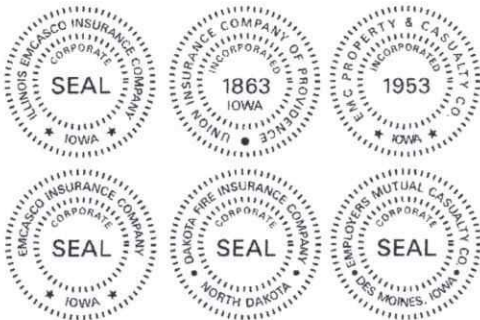
This Power-of-Attorney is made and executed pursuant to and by the authority of the following resolution of the Boards of Directors of each of the Companies at the first regularly scheduled meeting of each company duly called and held in 1999:

**RESOLVED:** The President and Chief Executive Officer, any Vice President, the Treasurer and the Secretary of Employers Mutual Casualty Company shall have power and authority to (1) appoint attorneys-in-fact and authorize them to execute on behalf of each Company and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof; and (2) to remove any such attorney-in-fact at any time and revoke the power and authority given to him or her. Attorneys-in-fact shall have power and authority, subject to the terms and limitations of the power-of-attorney issued to them, to execute and deliver on behalf of the Company, and to attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and any such instrument executed by any such attorney-in-fact shall be fully and in all respects binding upon the Company. Certification as to the validity of any power-of-attorney authorized herein made by an officer of Employers Mutual Casualty Company shall be fully and in all respects binding upon this Company. The facsimile or mechanically reproduced signature of such officer, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power-of-attorney of the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS THEREOF, the Companies have caused these presents to be signed for each by their officers as shown, and the Corporate seals to be hereto affixed this 30th day of March, 2020.

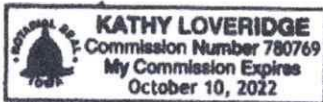
  
 Scott R. Jean, President & CEO  
 of Company 1; Chairman, President  
 & CEO of Companies 2, 3, 4, 5 & 6

  
 Todd Strother, Executive Vice President  
 Chief Legal Officer & Secretary of  
 Companies 1, 2, 3, 4, 5 & 6



On this 30th day of March, 2020 before me a Notary Public in and for the State of Iowa, personally appeared Scott R. Jean and Todd Strother, who, being by me duly sworn, did say that they are, and are known to me to be the CEO, Chairman, President, Executive Vice President, Chief Legal Officer and/or Secretary, respectively, of each of the Companies above; that the seals affixed to this instrument are the seals of said corporations; that said instrument was signed and sealed on behalf of each of the Companies by authority of their respective Boards of Directors; and that the said Scott R. Jean and Todd Strother, as such officers, acknowledged the execution of said instrument to be their voluntary act and deed, and the voluntary act and deed of each of the Companies.

My Commission Expires October 10, 2022.

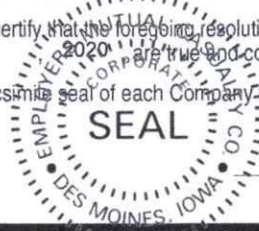


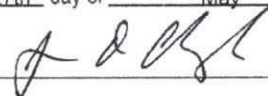
  
 Notary Public in and for the State of Iowa

### CERTIFICATE

I, James D. Clough, Vice President of the Companies, do hereby certify that the foregoing resolution of the Boards of Directors by each of the Companies, and this Power of Attorney issued pursuant thereto on 30th day of March, 2020, are true and correct and are still in full force and effect.

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 27th day of May, 2021.



  
 Vice President





## Employers Mutual Casualty Company – Seal Addendum

In light of the impacts surrounding the COVID-19 virus and resultant governmental measures to limit social contact in all settings, Employers Mutual Casualty Company hereby authorizes its Attorneys-in-Fact to affix Employers Mutual Casualty Company's corporate seal to any bond executed by said Attorney-in-Fact for Employers Mutual Casualty Company by attaching this Seal Addendum. In accordance with the above, Employers Mutual Casualty Company hereby affirms that the corporate seal hereon shall be deemed affixed to said bond with the same force and effect as if Employers Mutual Casualty Company's raised corporate seal was present.

Dated this 3rd day of April, 2020.

### Employers Mutual Casualty Company



By:   
James D. Clough, Vice President

