



**Bid Summary**  
**I-70B Waterline Replacement (1st to 3rd)**

Bid Opening: December 15, 2023

By: William Comerer, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate - City		Dirtworks Construction, LLC		Sorter Construction, Inc.		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
1	202-00000	Sawing Asphalt Material (6 Inch)	7,182.	LF	\$ 0.50	\$ 3,591.00	\$ 5.25	\$ 37,705.50	\$ 6.10	\$ 43,810.20 [1]	\$ 5.25	\$ 6.10	\$ 5.68	\$ 5.68
2	202-00032	Removal of Valve	18.	EA	\$ 1,400.00	\$ 25,200.00	\$ 500.00	\$ 9,000.00	\$ 440.00	\$ 7,920.00	\$ 440.00	\$ 500.00	\$ 470.00	\$ 470.00
3	202-00035	Removal of Pipe	3,326.	LF	\$ 15.00	\$ 49,890.00	\$ 24.00	\$ 79,824.00	\$ 31.00	\$ 103,106.00	\$ 24.00	\$ 31.00	\$ 27.50	\$ 27.50
4	202-00220	Removal of Asphalt Mat	2,789.	SY	\$ 7.00	\$ 19,523.00	\$ 5.96	\$ 16,622.44 [1]	\$ 11.00	\$ 30,679.00	\$ 5.96	\$ 11.00	\$ 8.48	\$ 8.48
5	206-00065	Structure Backfill (Flow-Fill)	812.	CY	\$ 212.00	\$ 172,144.00	\$ 127.00	\$ 103,124.00	\$ 200.00	\$ 162,400.00	\$ 127.00	\$ 200.00	\$ 163.50	\$ 163.50
6	206-00510	Filter Material (Class A)	650.	CY	\$ 60.00	\$ 39,000.00	\$ 45.00	\$ 29,250.00	\$ 39.00	\$ 25,350.00	\$ 39.00	\$ 45.00	\$ 42.00	\$ 42.00
7	210-00035	Reset Water Meter	3.	EA	\$ 800.00	\$ 2,400.00	\$ 2,000.00	\$ 6,000.00	\$ 870.00	\$ 2,610.00	\$ 870.00	\$ 2,000.00	\$ 1,435.00	\$ 1,435.00
8	210-00050	Reset Fire Hydrant	8.	EA	\$ 1,800.00	\$ 14,400.00	\$ 5,500.00	\$ 44,000.00	\$ 1,740.00	\$ 13,920.00	\$ 1,740.00	\$ 5,500.00	\$ 3,620.00	\$ 3,620.00
9	210-04060	Adjust Water Meter	35.	EA	\$ 800.00	\$ 28,000.00	\$ 500.00	\$ 17,500.00	\$ 435.00	\$ 15,225.00	\$ 435.00	\$ 500.00	\$ 467.50	\$ 467.50
10	304-06000	Aggregate Base Course (Class 6)	1,480.	TON	\$ 45.00	\$ 66,600.00	\$ 25.00	\$ 37,000.00	\$ 43.00	\$ 63,640.00	\$ 25.00	\$ 43.00	\$ 34.00	\$ 34.00
11	403-00720	HMA (Patching)(Includes temporary Curb, Gutter, and Sidewalk as directed)	978.	TON	\$ 250.00	\$ 244,500.00	\$ 225.00	\$ 220,050.00	\$ 245.00	\$ 239,610.00	\$ 225.00	\$ 245.00	\$ 235.00	\$ 235.00
12	619-00002 108.4	Water Service	1.	EA	\$ 900.00	\$ 900.00	\$ 1,800.00	\$ 1,800.00	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 2,500.00	\$ 2,150.00	\$ 2,150.00
13	619-00006 108.3	Connect to New Waterline	2.	EA	\$ 900.00	\$ 1,800.00	\$ 2,500.00	\$ 5,000.00	\$ 2,442.00	\$ 4,884.00	\$ 2,442.00	\$ 2,500.00	\$ 2,471.00	\$ 2,471.00
14	619-00007 108.3	Connect to Existing Waterline	5.	EA	\$ 1,200.00	\$ 6,000.00	\$ 1,200.00	\$ 6,000.00	\$ 2,264.00	\$ 11,320.00	\$ 1,200.00	\$ 2,264.00	\$ 1,732.00	\$ 1,732.00
15	619-40060 108.4	3/4 Inch Copper Pipe	540.	LF	\$ 20.00	\$ 10,800.00	\$ 20.00	\$ 10,800.00	\$ 106.00	\$ 57,240.00	\$ 20.00	\$ 106.00	\$ 63.00	\$ 63.00
16	619-40120 108.4	1.5 Inch Copper Pipe	64.	LF	\$ 20.00	\$ 1,280.00	\$ 80.00	\$ 5,120.00	\$ 110.00	\$ 7,040.00	\$ 80.00	\$ 110.00	\$ 95.00	\$ 95.00
17	619-50240 108.4	3 Inch Plastic Pipe (ASTM D-2241 PVC)	32.	LF	\$ 25.00	\$ 800.00	\$ 25.00	\$ 800.00	\$ 78.00	\$ 2,496.00	\$ 25.00	\$ 78.00	\$ 51.50	\$ 51.50
18	619-50320 108.2	4 Inch Plastic Pipe (C-900 PVC, DR18)	32.	LF	\$ 30.00	\$ 960.00	\$ 30.00	\$ 960.00	\$ 85.00	\$ 2,720.00	\$ 30.00	\$ 85.00	\$ 57.50	\$ 57.50
19	619-50480 108.2	6 Inch Plastic Pipe (C-900 PVC, DR18)	376.	LF	\$ 30.00	\$ 11,280.00	\$ 75.00	\$ 28,200.00	\$ 110.00	\$ 41,360.00	\$ 75.00	\$ 110.00	\$ 92.50	\$ 92.50
20	619-50640 108.2	8 Inch Plastic Pipe (C-900 PVC, DR18)	2,547.	LF	\$ 40.00	\$ 101,880.00	\$ 90.00	\$ 229,230.00	\$ 61.00	\$ 155,367.00	\$ 61.00	\$ 90.00	\$ 75.50	\$ 75.50
21	619-75048 108.3	6 Inch Gate Valve	9.	EA	\$ 1,900.00	\$ 17,100.00	\$ 2,200.00	\$ 19,800.00	\$ 2,891.00	\$ 26,019.00	\$ 2,200.00	\$ 2,891.00	\$ 2,545.50	\$ 2,545.50

**Bid Summary**  
**I-70B Waterline Replacement (1st to 3rd)**

Bid Opening: December 15, 2023

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate - City		Dirtworks Construction, LLC		Sorter Construction, Inc.		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
22	619-75064 108.3	8 Inch Gate Valve	10	EA	\$ 2,300.00	\$ 23,000.00	\$ 2,800.00	\$ 28,000.00	\$ 3,494.00	\$ 34,940.00	\$ 2,800.00	\$ 3,494.00	\$ 3,147.00	\$ 3,147.00
23	619-77206 102.8c	6-Inch Restrained Coupling Adapter (Provide Restraint Harness for all PVC Pipe Joints)	77	EA	\$ 200.00	\$ 15,400.00	\$ 800.00	\$ 61,600.00	\$ 131.00	\$ 10,087.00	\$ 131.00	\$ 800.00	\$ 465.50	\$ 465.50
24	619-77208 102.8c	8-Inch Restrained Coupling Adapter (Provide Restraint Harness for all PVC Pipe Joints)	201	EA	\$ 300.00	\$ 60,300.00	\$ 825.00	\$ 165,825.00	\$ 176.00	\$ 35,376.00	\$ 176.00	\$ 825.00	\$ 500.50	\$ 500.50
25	619-77300 108.4	Corporation Stop	39	EA	\$ 150.00	\$ 5,850.00	\$ 100.00	\$ 3,900.00	\$ 125.00	\$ 4,875.00	\$ 100.00	\$ 125.00	\$ 112.50	\$ 112.50
26	625-00000	Construction Surveying (Includes As-Built Drawings)	1	LS	\$ 9,000.00	\$ 9,000.00	\$ 12,000.00	\$ 12,000.00	\$ 21,000.00	\$ 21,000.00	\$ 12,000.00	\$ 21,000.00	\$ 16,500.00	\$ 16,500.00
27	626-00000	Mobilization	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 85,000.00	\$ 85,000.00	\$ 199,000.00	\$ 199,000.00	\$ 85,000.00	\$ 199,000.00	\$ 142,000.00	\$ 142,000.00
28	630	Traffic Control (Complete in Place)	130	DAY	\$ 500.00	\$ 65,000.00	\$ 2,000.00	\$ 260,000.00	\$ 2,400.00	\$ 312,000.00	\$ 2,000.00	\$ 2,400.00	\$ 2,200.00	\$ 2,200.00
29	108.3	6" 11.25" Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	2	EA	\$ 800.00	\$ 1,600.00	\$ 450.00	\$ 900.00	\$ 739.00	\$ 1,478.00	\$ 450.00	\$ 739.00	\$ 594.50	\$ 594.50
30	108.3	6" 22.5" Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	1	EA	\$ 800.00	\$ 800.00	\$ 350.00	\$ 350.00	\$ 725.00	\$ 725.00	\$ 350.00	\$ 725.00	\$ 537.50	\$ 537.50
31	108.3	6" 45" Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	9	EA	\$ 800.00	\$ 7,200.00	\$ 400.00	\$ 3,600.00	\$ 800.00	\$ 7,200.00	\$ 400.00	\$ 800.00	\$ 600.00	\$ 600.00
32	108.3	8" 45" Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	13	EA	\$ 1,000.00	\$ 13,000.00	\$ 425.00	\$ 5,525.00	\$ 1,585.00	\$ 20,605.00	\$ 425.00	\$ 1,585.00	\$ 1,005.00	\$ 1,005.00
33	108.3	8"x6" Reducer (Epoxy Coated)	2	EA	\$ 600.00	\$ 1,200.00	\$ 400.00	\$ 800.00	\$ 501.00	\$ 1,002.00	\$ 400.00	\$ 501.00	\$ 450.50	\$ 450.50
34	108.3	8"x6" Swivel Tee (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	7	EA	\$ 1,000.00	\$ 7,000.00	\$ 900.00	\$ 6,300.00	\$ 794.00	\$ 5,558.00	\$ 794.00	\$ 900.00	\$ 847.00	\$ 847.00
35	108.3	8"x8" Tee (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	5	EA	\$ 1,300.00	\$ 6,500.00	\$ 900.00	\$ 4,500.00	\$ 941.00	\$ 4,705.00	\$ 900.00	\$ 941.00	\$ 920.50	\$ 920.50
36	108.4	6"x1.5" Tapping Saddle	2	EA	\$ 450.00	\$ 900.00	\$ 600.00	\$ 1,200.00	\$ 512.00	\$ 1,024.00	\$ 512.00	\$ 600.00	\$ 556.00	\$ 556.00
37	108.4	8"x1.5" Tapping Saddle	1	EA	\$ 400.00	\$ 400.00	\$ 630.00	\$ 630.00	\$ 575.00	\$ 575.00	\$ 575.00	\$ 630.00	\$ 602.50	\$ 602.50
38	108.4	<b>8"x3/4" Tapping Saddle</b>	32	EA	\$ 350.00	\$ 11,200.00	\$ 480.00	\$ 15,360.00	\$ 357.00	\$ 11,424.00	\$ 357.00	\$ 480.00	\$ 418.50	\$ 418.50
39	102.8d	<b>8"x4" Tapping Sleeve</b>	2	EA	\$ 400.00	\$ 800.00	\$ 2,400.00	\$ 4,800.00	\$ 3,941.00	\$ 7,882.00	\$ 2,400.00	\$ 3,941.00	\$ 3,170.50	\$ 3,170.50

**Bid Summary**  
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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
40	202	Removal of Concrete (Curb, Gutter, and Sidewalk)	744.	SY	\$ 14.00	\$ 10,416.00	\$ 5.00	\$ 3,720.00	\$ 16.00	\$ 11,904.00	\$ 5.00	\$ 16.00	\$ 10.50	\$ 10.50
41	203	Unclassified Excavation (Includes haul and disposal of excavated material)	1,461.	CY	\$ 25.00	\$ 36,525.00	\$ 15.00	\$ 21,915.00	\$ 37.00	\$ 54,057.00	\$ 15.00	\$ 37.00	\$ 26.00	\$ 26.00
42	208	Erosion and Sediment Control	1.	LS	\$ 5,600.00	\$ 5,600.00	\$ 7,500.00	\$ 7,500.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 7,500.00	\$ 6,950.00	\$ 6,950.00
43	210	Reset Valve	2.	EA	\$ 300.00	\$ 600.00	\$ 4,200.00	\$ 8,400.00	\$ 1,155.00	\$ 2,310.00	\$ 1,155.00	\$ 4,200.00	\$ 2,677.50	\$ 2,677.50
44	620	Portable Sanitary Facility	1.	EA	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 1,500.00	\$ 1,100.00	\$ 1,100.00
45	630	Traffic Control Plan	1.	LS	\$ 450.00	\$ 450.00	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,500.00	\$ 1,375.00	\$ 1,375.00
FA-1	203-01597	Potholing (As Directed)	20.	HR	\$ 250.00	\$ 5,000.00	\$ 200.00	\$ 4,000.00	\$ 375.00	\$ 7,500.00	\$ 200.00	\$ 375.00	\$ 287.50	\$ 287.50
FA-2	250-00224	Hazardous Waste Disposal (Radioactive)	1,461.	CY	\$ 15.00	\$ 21,915.00	\$ 18.00	\$ 26,298.00	\$ 37.00	\$ 54,057.00	\$ 18.00	\$ 37.00	\$ 27.50	\$ 27.50
FA-3	103.8 / 108.7	Unstable Trench Bottom (Includes Muck Excavation and Type B Granular Stabilization Material)(As Directed)	650.	TON	\$ 40.00	\$ 26,000.00	\$ 20.00	\$ 13,000.00	\$ 56.00	\$ 36,400.00	\$ 20.00	\$ 56.00	\$ 38.00	\$ 38.00
FA-4	-	Temporary Patching (Cold Patch)(As Directed)	80.	TON	\$ 450.00	\$ 36,000.00	\$ 300.00	\$ 24,000.00	\$ 300.00	\$ 24,000.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00
MCR	--	Minor Contract Revisions	---	0	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
TOTAL BID:						\$ 1,390,904.00		\$ 1,779,908.94 [2]		\$ 1,997,250.20 [2]				

[1] - corrected extension

[2] - corrected total