

City of Joliet, IL
Plainfield Road (Theodore to Black) Water Main Improvements

Bid Date/Time: November 29, 2023/2:00 PM
Engineer's Job No. 221587.40

No.	Item	Quantity	Unit	Engineer's Estimate		Austin Tyler Construction, Inc.		PT Ferro Construction Co.		D. Construction, Inc.	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total
PART A - WATER MAIN IMPROVEMENTS											
1	PRECONSTRUCTION VIDEO RECORDING	1	LSUM	\$ 15,000.00	\$ 15,000.00	\$ 250,000.00	\$ 250,000.00	\$ 400.00	\$ 400.00	\$ 520,000.00	\$ 520,000.00
2	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1	LSUM	\$ 600,000.00	\$ 600,000.00	\$ 952,000.00	\$ 952,000.00	\$ 1,072,000.00	\$ 1,072,000.00	\$ 622,500.00	\$ 622,500.00
3	GRANULAR TRENCH BACKFILL	500	CUYD	\$ 40.00	\$ 20,000.00	\$ 51.00	\$ 25,500.00	\$ 0.01	\$ 5.00	\$ 50.00	\$ 25,000.00
4	TRENCH BACKFILL (SPECIAL)	6,600	CUYD	\$ 60.00	\$ 396,000.00	\$ 52.00	\$ 343,200.00	\$ 0.01	\$ 66.00	\$ 45.00	\$ 297,000.00
5	WATER MAIN (OPEN CUT), 6-INCH, DUCTILE IRON	399	FOOT	\$ 150.00	\$ 59,850.00	\$ 230.00	\$ 91,770.00	\$ 225.00	\$ 89,775.00	\$ 250.00	\$ 99,750.00
6	WATER MAIN (OPEN CUT), 8-INCH, DUCTILE IRON	1,280	FOOT	\$ 140.00	\$ 179,200.00	\$ 220.00	\$ 281,600.00	\$ 300.00	\$ 384,000.00	\$ 184.00	\$ 235,520.00
7	WATER MAIN (OPEN CUT), 10-INCH, DUCTILE IRON	10	FOOT	\$ 180.00	\$ 1,800.00	\$ 230.00	\$ 2,300.00	\$ 500.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00
8	WATER MAIN (OPEN CUT), 12-INCH, DUCTILE IRON	8,413	FOOT	\$ 250.00	\$ 2,103,250.00	\$ 251.00	\$ 2,111,663.00	\$ 300.00	\$ 2,523,900.00	\$ 209.00	\$ 1,758,317.00
9	MISCELLANEOUS FITTINGS	11,000	POUND	\$ 5.00	\$ 55,000.00	\$ 0.01	\$ 110.00	\$ 5.00	\$ 55,000.00	\$ 0.01	\$ 110.00
10	CONNECT TO WATER MAIN (NON-PRESSURE), 6-INCH	9	EACH	\$ 5,000.00	\$ 45,000.00	\$ 5,385.00	\$ 48,465.00	\$ 6,000.00	\$ 54,000.00	\$ 6,000.00	\$ 54,000.00
11	CONNECT TO WATER MAIN (NON-PRESSURE), 8-INCH	5	EACH	\$ 5,500.00	\$ 27,500.00	\$ 5,500.00	\$ 27,500.00	\$ 11,000.00	\$ 55,000.00	\$ 6,500.00	\$ 32,500.00
12	CONNECT TO WATER MAIN (NON-PRESSURE), 10-INCH	3	EACH	\$ 6,000.00	\$ 18,000.00	\$ 7,000.00	\$ 21,000.00	\$ 11,000.00	\$ 33,000.00	\$ 10,000.00	\$ 30,000.00
13	CONNECT TO WATER MAIN (NON-PRESSURE), 12-INCH	5	EACH	\$ 6,500.00	\$ 32,500.00	\$ 7,200.00	\$ 36,000.00	\$ 11,000.00	\$ 55,000.00	\$ 10,000.00	\$ 50,000.00
14	CONNECT TO WATER MAIN (PRESSURE), 8-INCH	1	EACH	\$ 9,000.00	\$ 9,000.00	\$ 9,100.00	\$ 9,100.00	\$ 17,000.00	\$ 17,000.00	\$ 15,000.00	\$ 15,000.00
15	GATE VALVE, 8-INCH	14	EACH	\$ 3,000.00	\$ 42,000.00	\$ 2,600.00	\$ 36,400.00	\$ 4,300.00	\$ 60,200.00	\$ 4,000.00	\$ 56,000.00
16	GATE VALVE, 10-INCH	1	EACH	\$ 4,000.00	\$ 4,000.00	\$ 3,900.00	\$ 3,900.00	\$ 5,700.00	\$ 5,700.00	\$ 6,000.00	\$ 6,000.00
17	GATE VALVE, 12-INCH	22	EACH	\$ 5,000.00	\$ 110,000.00	\$ 5,600.00	\$ 123,200.00	\$ 6,800.00	\$ 149,600.00	\$ 10,000.00	\$ 220,000.00
18	VALVE BOX	1	EACH	\$ 550.00	\$ 550.00	\$ 350.00	\$ 350.00	\$ 400.00	\$ 400.00	\$ 1,000.00	\$ 1,000.00
19	VALVE VAULT, 4-FOOT DIAMETER	13	EACH	\$ 4,000.00	\$ 52,000.00	\$ 2,800.00	\$ 36,400.00	\$ 4,200.00	\$ 54,600.00	\$ 4,000.00	\$ 52,000.00
20	VALVE VAULT, 5-FOOT DIAMETER	24	EACH	\$ 5,000.00	\$ 120,000.00	\$ 3,800.00	\$ 91,200.00	\$ 6,800.00	\$ 163,200.00	\$ 5,000.00	\$ 120,000.00
21	VALVE VAULT (ADDITIONAL DEPTH), 4-FOOT DIAMETER	5	VFT	\$ 350.00	\$ 1,750.00	\$ 750.00	\$ 3,750.00	\$ 500.00	\$ 2,500.00	\$ 700.00	\$ 3,500.00
22	VALVE VAULT (ADDITIONAL DEPTH), 5-FOOT DIAMETER	5	VFT	\$ 400.00	\$ 2,000.00	\$ 800.00	\$ 4,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,500.00	\$ 7,500.00
23	FIRE HYDRANT	22	EACH	\$ 8,500.00	\$ 187,000.00	\$ 10,000.00	\$ 220,000.00	\$ 12,000.00	\$ 264,000.00	\$ 9,000.00	\$ 198,000.00
24	FIRE HYDRANT BARREL EXTENSION	5	VFT	\$ 1,000.00	\$ 5,000.00	\$ 850.00	\$ 4,250.00	\$ 2,000.00	\$ 10,000.00	\$ 2,000.00	\$ 10,000.00
25	LINE STOP, 6-INCH	5	EACH	\$ 7,500.00	\$ 37,500.00	\$ 5,000.00	\$ 25,000.00	\$ 8,000.00	\$ 40,000.00	\$ 8,000.00	\$ 40,000.00

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26	LINE STOP, 8-INCH	2	EACH	\$ 9,000.00	\$ 18,000.00	\$ 5,500.00	\$ 11,000.00	\$ 8,000.00	\$ 16,000.00	\$ 9,000.00	\$ 18,000.00
27	SANITARY SEWER REMOVAL AND REPLACEMENT, 8-INCH	28	FOOT	\$ 220.00	\$ 6,160.00	\$ 97.00	\$ 2,716.00	\$ 370.00	\$ 10,360.00	\$ 200.00	\$ 5,600.00
28	FILLING OF EXISTING PIPE FOR RETIREMENT	140	CUYD	\$ 450.00	\$ 63,000.00	\$ 0.01	\$ 1.40	\$ 650.00	\$ 91,000.00	\$ 300.00	\$ 42,000.00
29	RETIREMENT OF EXISTING WATER MAINS AND APPURTENANCES	1	LSUM	\$ 39,985.00	\$ 39,985.00	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 150,000.00	\$ 150,000.00
30	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1-INCH	93	EACH	\$ 2,700.00	\$ 251,100.00	\$ 3,700.00	\$ 344,100.00	\$ 2,700.00	\$ 251,100.00	\$ 4,000.00	\$ 372,000.00
31	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1.5-INCH	2	EACH	\$ 3,600.00	\$ 7,200.00	\$ 5,800.00	\$ 11,600.00	\$ 10,000.00	\$ 20,000.00	\$ 4,500.00	\$ 9,000.00
32	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 2-INCH	2	EACH	\$ 4,250.00	\$ 8,500.00	\$ 6,450.00	\$ 12,900.00	\$ 10,000.00	\$ 20,000.00	\$ 5,000.00	\$ 10,000.00
33	WATER SERVICE LINE TYPE K - OPEN CUT, 1-INCH	693	FOOT	\$ 60.00	\$ 41,580.00	\$ 61.00	\$ 42,273.00	\$ 150.00	\$ 103,950.00	\$ 80.00	\$ 55,440.00
34	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5-INCH	21	FOOT	\$ 80.00	\$ 1,680.00	\$ 79.00	\$ 1,659.00	\$ 250.00	\$ 5,250.00	\$ 90.00	\$ 1,890.00
35	WATER SERVICE LINE TYPE K - OPEN CUT, 2-INCH	21	FOOT	\$ 90.00	\$ 1,890.00	\$ 88.00	\$ 1,848.00	\$ 250.00	\$ 5,250.00	\$ 100.00	\$ 2,100.00
36	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1-INCH	1,887	FOOT	\$ 30.00	\$ 56,610.00	\$ 25.50	\$ 48,118.50	\$ 40.00	\$ 75,480.00	\$ 80.00	\$ 150,960.00
37	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1.5-INCH	84	FOOT	\$ 50.00	\$ 4,200.00	\$ 33.50	\$ 2,814.00	\$ 250.00	\$ 21,000.00	\$ 90.00	\$ 7,560.00
38	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 2-INCH	21	FOOT	\$ 60.00	\$ 1,260.00	\$ 42.50	\$ 892.50	\$ 250.00	\$ 5,250.00	\$ 100.00	\$ 2,100.00
39	WATER SERVICE CASING PIPE	150	FOOT	\$ 60.00	\$ 9,000.00	\$ 36.00	\$ 5,400.00	\$ 50.00	\$ 7,500.00	\$ 90.00	\$ 13,500.00
40	REMOVE AND REPLACE DRAIN TILES, 6-INCH THROUGH 12-INCH	220	FOOT	\$ 90.00	\$ 19,800.00	\$ 35.00	\$ 7,700.00	\$ 150.00	\$ 33,000.00	\$ 100.00	\$ 22,000.00
41	ADJUSTING SANITARY SEWER SERVICE LINE	17	EACH	\$ 1,800.00	\$ 30,600.00	\$ 1,500.00	\$ 25,500.00	\$ 4,000.00	\$ 68,000.00	\$ 2,500.00	\$ 42,500.00
42	EXPLORATORY EXCAVATION	10	EACH	\$ 750.00	\$ 7,500.00	\$ 1,350.00	\$ 13,500.00	\$ 2,000.00	\$ 20,000.00	\$ 500.00	\$ 5,000.00
43	INLET PROTECTION FILTER	137	EACH	\$ 180.00	\$ 24,660.00	\$ 165.00	\$ 22,605.00	\$ 0.01	\$ 1.37	\$ 250.00	\$ 34,250.00
44	RESTORATION OF LAWNS AND PARKWAYS	400	SQYD	\$ 15.00	\$ 6,000.00	\$ 15.00	\$ 6,000.00	\$ 14.00	\$ 5,600.00	\$ 25.00	\$ 10,000.00
45	TEMPORARY HOT-MIX ASPHALT PAVEMENT	6,700	SQYD	\$ 40.00	\$ 268,000.00	\$ 22.00	\$ 147,400.00	\$ 45.00	\$ 301,500.00	\$ 50.00	\$ 335,000.00
46	CLASS B PATCH	22,750	SQYD	\$ 160.00	\$ 3,640,000.00	\$ 117.00	\$ 2,661,750.00	\$ 185.00	\$ 4,208,750.00	\$ 265.00	\$ 6,028,750.00
47	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER 1.5-INCH SURFACE	700	SQYD	\$ 50.00	\$ 35,000.00	\$ 75.00	\$ 52,500.00	\$ 50.00	\$ 35,000.00	\$ 90.00	\$ 63,000.00
48	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 10-INCH BINDER 2-INCH SURFACE	303	SQYD	\$ 100.00	\$ 30,300.00	\$ 165.00	\$ 49,995.00	\$ 135.00	\$ 40,905.00	\$ 135.00	\$ 40,905.00
49	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH	200	SQYD	\$ 70.00	\$ 14,000.00	\$ 71.00	\$ 14,200.00	\$ 100.00	\$ 20,000.00	\$ 70.00	\$ 14,000.00
50	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH	250	SQYD	\$ 140.00	\$ 35,000.00	\$ 116.00	\$ 29,000.00	\$ 170.00	\$ 42,500.00	\$ 130.00	\$ 32,500.00

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51	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT	50	SQYD	\$ 50.00	\$ 2,500.00	\$ 33.00	\$ 1,650.00	\$ 60.00	\$ 3,000.00	\$ 50.00	\$ 2,500.00
52	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	950	FOOT	\$ 60.00	\$ 57,000.00	\$ 71.00	\$ 67,450.00	\$ 120.00	\$ 114,000.00	\$ 70.00	\$ 66,500.00
53	PCC SIDEWALK REMOVAL AND REPLACEMENT	6,100	SQFT	\$ 15.00	\$ 91,500.00	\$ 12.00	\$ 73,200.00	\$ 18.00	\$ 109,800.00	\$ 20.00	\$ 122,000.00
54	BRICK SIDEWALK REMOVAL AND REPLACEMENT	1,500	SQFT	\$ 40.00	\$ 60,000.00	\$ 25.00	\$ 37,500.00	\$ 90.00	\$ 135,000.00	\$ 30.00	\$ 45,000.00
55	DETECTABLE WARNINGS	20	SQFT	\$ 50.00	\$ 1,000.00	\$ 25.00	\$ 500.00	\$ 100.00	\$ 2,000.00	\$ 50.00	\$ 1,000.00
56	RAISED REFLECTIVE PAVEMENT MARKERS	375	EACH	\$ 50.00	\$ 18,750.00	\$ 38.00	\$ 14,250.00	\$ 38.00	\$ 14,250.00	\$ 300.00	\$ 112,500.00
57	EPOXY PAVEMENT MARKING - LINE, 4-INCH	16,680	FOOT	\$ 4.00	\$ 66,720.00	\$ 1.00	\$ 16,680.00	\$ 0.95	\$ 15,846.00	\$ 3.00	\$ 50,040.00
58	EPOXY PAVEMENT MARKING - LINE, 6-INCH	5,190	FOOT	\$ 4.00	\$ 20,760.00	\$ 1.55	\$ 8,044.50	\$ 1.55	\$ 8,044.50	\$ 5.00	\$ 25,950.00
59	EPOXY PAVEMENT MARKING - LINE, 12-INCH	1,500	FOOT	\$ 8.00	\$ 12,000.00	\$ 1.75	\$ 2,625.00	\$ 1.72	\$ 2,580.00	\$ 10.00	\$ 15,000.00
60	EPOXY PAVEMENT MARKING - LINE, 24-INCH	640	FOOT	\$ 14.00	\$ 8,960.00	\$ 5.75	\$ 3,680.00	\$ 5.75	\$ 3,680.00	\$ 20.00	\$ 12,800.00
61	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	200	SQFT	\$ 21.00	\$ 4,200.00	\$ 5.75	\$ 1,150.00	\$ 5.75	\$ 1,150.00	\$ 20.00	\$ 4,000.00
62	PAVEMENT MARKING REMOVAL, GRINDING	330	SQFT	\$ 2.50	\$ 825.00	\$ 2.00	\$ 660.00	\$ 3.00	\$ 990.00	\$ 10.00	\$ 3,300.00
63	PAVEMENT MARKING REMOVAL, WATER BLASTING	11,790	SQFT	\$ 2.50	\$ 29,475.00	\$ 1.75	\$ 20,632.50	\$ 2.25	\$ 26,527.50	\$ 5.00	\$ 58,950.00
64	TEMPORARY PAVEMENT MARKING TAPE, TYPE IV - LINE, 4-INCH	28,740	FOOT	\$ 2.00	\$ 57,480.00	\$ 1.35	\$ 38,799.00	\$ 0.01	\$ 287.40	\$ 3.00	\$ 86,220.00
65	TEMPORARY PAVEMENT MARKING TAPE, TYPE IV - LINE, 6-INCH	260	FOOT	\$ 3.50	\$ 910.00	\$ 2.00	\$ 520.00	\$ 0.01	\$ 2.60	\$ 6.00	\$ 1,560.00
66	TEMPORARY PAVEMENT MARKING TAPE, TYPE IV - LINE, 24-INCH	12	FOOT	\$ 6.50	\$ 78.00	\$ 8.10	\$ 97.20	\$ 0.01	\$ 0.12	\$ 50.00	\$ 600.00
67	TEMPORARY PAVEMENT MARKING TAPE, LETTERS AND SYMBOLS	37	SQFT	\$ 3.00	\$ 111.00	\$ 5.00	\$ 185.00	\$ 0.01	\$ 0.37	\$ 50.00	\$ 1,850.00
68	SHORT TERM PAVEMENT MARKING REMOVAL	9,734	SQFT	\$ 1.00	\$ 9,734.00	\$ 0.75	\$ 7,300.50	\$ 0.01	\$ 97.34	\$ 2.00	\$ 19,468.00
69	TEMPORARY CONCRETE BARRIER	1,475	FOOT	\$ 50.00	\$ 73,750.00	\$ 0.01	\$ 14.75	\$ 42.00	\$ 61,950.00	\$ 30.00	\$ 44,250.00
70	RELOCATE TEMPORARY CONCRETE BARRIER	650	FOOT	\$ 30.00	\$ 19,500.00	\$ 0.01	\$ 6.50	\$ 16.00	\$ 10,400.00	\$ 20.00	\$ 13,000.00
71	PINNING TEMPORARY CONCRETE BARRIER	1,020	EACH	\$ 40.00	\$ 40,800.00	\$ 0.01	\$ 10.20	\$ 20.00	\$ 20,400.00	\$ 20.00	\$ 20,400.00
72	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	12	EACH	\$ 3,000.00	\$ 36,000.00	\$ 0.01	\$ 0.12	\$ 5,000.00	\$ 60,000.00	\$ 7,500.00	\$ 90,000.00
73	IMPACT ATTENUATORS, TEMPORARY RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	4	EACH	\$ 1,500.00	\$ 6,000.00	\$ 0.01	\$ 0.04	\$ 1,500.00	\$ 6,000.00	\$ 3,000.00	\$ 12,000.00
74	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	2	EACH	\$ 5,000.00	\$ 10,000.00	\$ 5,000.00	\$ 10,000.00	\$ 7,500.00	\$ 15,000.00	\$ 10,000.00	\$ 20,000.00
75	DETECTOR LOOP REPLACEMENT	890	FOOT	\$ 75.00	\$ 66,750.00	\$ 40.00	\$ 35,600.00	\$ 25.00	\$ 22,250.00	\$ 50.00	\$ 44,500.00

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76	TEMPORARY TRAFFIC SIGNAL TIMING	1	EACH	\$ 700.00	\$ 700.00	\$ 300.00	\$ 300.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00
77	BARRIER WALL REFLECTORS, TYPE C	170	EACH	\$ 5.00	\$ 850.00	\$ 0.01	\$ 1.70	\$ 8.00	\$ 1,360.00	\$ 25.00	\$ 4,250.00
78	TEMPORARY INFORMATION SIGNING	52	SQFT	\$ 30.00	\$ 1,560.00	\$ 52.00	\$ 2,704.00	\$ 20.00	\$ 1,040.00	\$ 50.00	\$ 2,600.00
79	REMOVAL AND REPLACEMENT OF SIGNS	5	EACH	\$ 350.00	\$ 1,750.00	\$ 200.00	\$ 1,000.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00
80	TREE ROOT PRUNING	10	EACH	\$ 130.00	\$ 1,300.00	\$ 50.00	\$ 500.00	\$ 200.00	\$ 2,000.00	\$ 220.00	\$ 2,200.00
81	TREE TRIMMING	1	LSUM	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 11,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00
82	TREE REMOVAL AND REPLACEMENT, 6-INCH THROUGH 12-INCH	2	EACH	\$ 3,000.00	\$ 6,000.00	\$ 1,150.00	\$ 2,300.00	\$ 1,500.00	\$ 3,000.00	\$ 3,500.00	\$ 7,000.00
83	TREE REMOVAL AND REPLACEMENT, OVER 12 INCH	2	EACH	\$ 4,500.00	\$ 9,000.00	\$ 1,450.00	\$ 2,900.00	\$ 3,000.00	\$ 6,000.00	\$ 5,000.00	\$ 10,000.00
84	DUST CONTROL	75	DAY	\$ 550.00	\$ 41,250.00	\$ 450.00	\$ 33,750.00	\$ 600.00	\$ 45,000.00	\$ 500.00	\$ 37,500.00
85	ROCK EXCAVATION	20	CUYD	\$ 250.00	\$ 5,000.00	\$ 171.00	\$ 3,420.00	\$ 500.00	\$ 10,000.00	\$ 500.00	\$ 10,000.00
86	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	134	CUYD	\$ 93.00	\$ 12,462.00	\$ 0.01	\$ 1.34	\$ 0.01	\$ 1.34	\$ 150.00	\$ 20,100.00
87	SOIL TESTS FOR CONTAMINANTS	10	EACH	\$ 1,200.00	\$ 12,000.00	\$ 0.01	\$ 0.10	\$ 2,500.00	\$ 25,000.00	\$ 1,000.00	\$ 10,000.00
88	CONTAMINATED WASTE DISPOSAL	669	CUYD	\$ 100.00	\$ 66,900.00	\$ 0.01	\$ 6.69	\$ 110.00	\$ 73,590.00	\$ 100.00	\$ 66,900.00
SUBTOTAL PART A - WATER MAIN IMPROVEMENTS:				\$	9,605,000.00	\$	8,758,069.54	\$	11,522,989.54	\$	13,038,190.00
PART B - LEAD SERVICE LINE IMPROVEMENTS											
89	PROJECT MANAGEMENT (LEAD SERVICE REPLACEMENT)	102	HOUR	\$ 100.00	\$ 10,200.00	\$ 90.00	\$ 9,180.00	\$ 350.00	\$ 35,700.00	\$ 220.00	\$ 22,440.00
90	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1-INCH	960	FOOT	\$ 40.00	\$ 38,400.00	\$ 27.50	\$ 26,400.00	\$ 100.00	\$ 96,000.00	\$ 50.00	\$ 48,000.00
91	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1.5-INCH	30	FOOT	\$ 50.00	\$ 1,500.00	\$ 33.50	\$ 1,005.00	\$ 250.00	\$ 7,500.00	\$ 70.00	\$ 2,100.00
92	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 2-INCH	30	FOOT	\$ 60.00	\$ 1,800.00	\$ 42.50	\$ 1,275.00	\$ 250.00	\$ 7,500.00	\$ 90.00	\$ 2,700.00
93	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 3/4-INCH	25	FOOT	\$ 60.00	\$ 1,500.00	\$ 11.00	\$ 275.00	\$ 65.00	\$ 1,625.00	\$ 50.00	\$ 1,250.00
94	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 1-INCH	100	FOOT	\$ 60.00	\$ 6,000.00	\$ 15.00	\$ 1,500.00	\$ 70.00	\$ 7,000.00	\$ 60.00	\$ 6,000.00
95	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 1.5-INCH	25	FOOT	\$ 70.00	\$ 1,750.00	\$ 18.00	\$ 450.00	\$ 80.00	\$ 2,000.00	\$ 70.00	\$ 1,750.00
96	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 2-INCH	25	FOOT	\$ 90.00	\$ 2,250.00	\$ 26.00	\$ 650.00	\$ 85.00	\$ 2,125.00	\$ 90.00	\$ 2,250.00
97	WATER SERVICE CASING PIPE (LEAD SERVICE REPLACEMENT), 2-INCH	340	FOOT	\$ 60.00	\$ 20,400.00	\$ 10.00	\$ 3,400.00	\$ 300.00	\$ 102,000.00	\$ 90.00	\$ 30,600.00
98	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - BASEMENT OR CRAWL SPACE (LEAD SERVICE REPLACEMENT)	17	EACH	\$ 2,400.00	\$ 40,800.00	\$ 3,400.00	\$ 57,800.00	\$ 2,500.00	\$ 42,500.00	\$ 4,000.00	\$ 68,000.00

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				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total
99	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB (LEAD SERVICE REPLACEMENT)	17	EACH	\$ 2,500.00	\$ 42,500.00	\$ 3,400.00	\$ 57,800.00	\$ 2,500.00	\$ 42,500.00	\$ 4,000.00	\$ 68,000.00
100	UTILITY LOCATION - PRIVATE PROPERTY (LEAD SERVICE REPLACEMENT)	34	EACH	\$ 450.00	\$ 15,300.00	\$ 750.00	\$ 25,500.00	\$ 380.00	\$ 12,920.00	\$ 500.00	\$ 17,000.00
101	WATER METER RELOCATION (LEAD SERVICE REPLACEMENT)	17	EACH	\$ 600.00	\$ 10,200.00	\$ 265.00	\$ 4,505.00	\$ 1,200.00	\$ 20,400.00	\$ 500.00	\$ 8,500.00
102	WATER METER REPLACEMENT (LEAD SERVICE REPLACEMENT)	17	EACH	\$ 600.00	\$ 10,200.00	\$ 235.00	\$ 3,995.00	\$ 875.00	\$ 14,875.00	\$ 500.00	\$ 8,500.00
103	LANDSCAPING PROJECT MANAGEMENT (LEAD SERVICE REPLACEMENT)	68	HOURL	\$ 160.00	\$ 10,880.00	\$ 90.00	\$ 6,120.00	\$ 350.00	\$ 23,800.00	\$ 220.00	\$ 14,960.00
104	LANDSCAPING RESTORATION ALLOWANCE (LEAD SERVICE REPLACEMENT)	34	EACH	\$ 450.00	\$ 15,300.00	\$ 450.00	\$ 15,300.00	\$ 450.00	\$ 15,300.00	\$ 450.00	\$ 15,300.00
105	SHRUB AND BRUSH DISPOSAL (LEAD SERVICE REPLACEMENT)	68	EACH	\$ 100.00	\$ 6,800.00	\$ 50.00	\$ 3,400.00	\$ 250.00	\$ 17,000.00	\$ 50.00	\$ 3,400.00
106	FENCE TO BE REMOVED AND RE-ERECTED (LEAD SERVICE REPLACEMENT)	170	FOOT	\$ 70.00	\$ 11,900.00	\$ 0.01	\$ 1.70	\$ 136.70	\$ 23,239.00	\$ 100.00	\$ 17,000.00
107	RESTORATION OF LAWNS AND PARKWAYS (LEAD SERVICE REPLACEMENT)	100	SQYD	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 14.00	\$ 1,400.00	\$ 25.00	\$ 2,500.00
108	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH (LEAD SERVICE REPLACEMENT)	100	SQYD	\$ 70.00	\$ 7,000.00	\$ 71.00	\$ 7,100.00	\$ 150.00	\$ 15,000.00	\$ 90.00	\$ 9,000.00
109	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH (LEAD SERVICE REPLACEMENT)	100	SQYD	\$ 140.00	\$ 14,000.00	\$ 116.00	\$ 11,600.00	\$ 200.00	\$ 20,000.00	\$ 150.00	\$ 15,000.00
110	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	50	SQYD	\$ 54.00	\$ 2,700.00	\$ 33.00	\$ 1,650.00	\$ 100.00	\$ 5,000.00	\$ 50.00	\$ 2,500.00
111	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	200	FOOT	\$ 63.10	\$ 12,620.00	\$ 71.00	\$ 14,200.00	\$ 150.00	\$ 30,000.00	\$ 80.00	\$ 16,000.00
112	PCC SIDEWALK REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	1,700	SQFT	\$ 15.00	\$ 25,500.00	\$ 12.00	\$ 20,400.00	\$ 20.00	\$ 34,000.00	\$ 20.00	\$ 34,000.00
113	BRICK SIDEWALK REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	400	SQFT	\$ 40.00	\$ 16,000.00	\$ 27.00	\$ 10,800.00	\$ 100.00	\$ 40,000.00	\$ 30.00	\$ 12,000.00
SUBTOTAL PART B - LEAD SERVICE LINE IMPROVEMENTS:				\$	327,000.00	\$	285,806.70	\$	619,384.00	\$	428,750.00
PART C - SANITARY SEWER IMPROVEMENTS											
114	GRANULAR TRENCH BACKFILL (SANITARY)	400	CUYD	\$ 40.00	\$ 16,000.00	\$ 51.00	\$ 20,400.00	\$ 60.00	\$ 24,000.00	\$ 50.00	\$ 20,000.00
115	TRENCH BACKFILL (SPECIAL) (SANITARY)	300	CUYD	\$ 60.00	\$ 18,000.00	\$ 52.00	\$ 15,600.00	\$ 60.00	\$ 18,000.00	\$ 45.00	\$ 13,500.00
116	SANITARY SEWER (OPEN CUT), 8-INCH, PVC, 0 TO 8 FEET DEEP	7	FOOT	\$ 140.00	\$ 980.00	\$ 110.00	\$ 770.00	\$ 800.00	\$ 5,600.00	\$ 500.00	\$ 3,500.00
117	SANITARY SEWER (OPEN CUT), 8-INCH, PVC, 8 TO 12 FEET DEEP	56	FOOT	\$ 180.00	\$ 10,080.00	\$ 160.00	\$ 8,960.00	\$ 375.00	\$ 21,000.00	\$ 300.00	\$ 16,800.00
118	SANITARY SEWER (OPEN CUT), 10-INCH, PVC, 8 TO 12 FEET DEEP	42	FOOT	\$ 171.00	\$ 7,182.00	\$ 150.00	\$ 6,300.00	\$ 400.00	\$ 16,800.00	\$ 400.00	\$ 16,800.00
119	SANITARY SEWER (OPEN CUT), 15-INCH, PVC, 8 TO 12 FEET DEEP	635	FOOT	\$ 225.00	\$ 142,875.00	\$ 140.00	\$ 88,900.00	\$ 350.00	\$ 222,250.00	\$ 250.00	\$ 158,750.00
120	SANITARY SEWER (OPEN CUT), 15-INCH, PVC, 12 TO 15 FEET DEEP	208	FOOT	\$ 260.00	\$ 54,080.00	\$ 150.00	\$ 31,200.00	\$ 475.00	\$ 98,800.00	\$ 400.00	\$ 83,200.00
121	SANITARY SEWER MANHOLE, TYPE A, 4-FOOT DIAMETER, 8 TO 12 FEET DEEP	2	EACH	\$ 9,000.00	\$ 18,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 6,000.00	\$ 12,000.00

City of Joliet, IL
Plainfield Road (Theodore to Black) Water Main Improvements

Bid Date/Time: November 29, 2023/2:00 PM
Engineer's Job No. 221587.40

No.	Item	Quantity	Unit	Engineer's Estimate		Austin Tyler Construction, Inc.		PT Ferro Construction Co.		D. Construction, Inc.	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total
122	SANITARY SEWER MANHOLE, TYPE A, 4-FOOT DIAMETER, 12 TO 15 FEET DEEP	3	EACH	\$ 12,000.00	\$ 36,000.00	\$ 6,000.00	\$ 18,000.00	\$ 12,000.00	\$ 36,000.00	\$ 7,000.00	\$ 21,000.00
123	CONNECTION TO EXISTING SANITARY SEWER MANHOLE, 8-INCH	2	EACH	\$ 5,000.00	\$ 10,000.00	\$ 2,500.00	\$ 5,000.00	\$ 7,000.00	\$ 14,000.00	\$ 3,500.00	\$ 7,000.00
124	CONNECTION TO EXISTING SANITARY SEWER MANHOLE, 10-INCH	2	EACH	\$ 7,000.00	\$ 14,000.00	\$ 2,600.00	\$ 5,200.00	\$ 7,600.00	\$ 15,200.00	\$ 4,000.00	\$ 8,000.00
125	MANHOLE DROP CONNECTION, 10-INCH	1	EACH	\$ 12,000.00	\$ 12,000.00	\$ 6,000.00	\$ 6,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
126	MANHOLE DROP CONNECTION, 15-INCH	1	EACH	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00
127	CONNECTION TO EXISTING SANITARY SEWER, 10-INCH	1	EACH	\$ 3,000.00	\$ 3,000.00	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00
128	SANITARY SERVICE LINES, 6-INCH	45	FOOT	\$ 180.00	\$ 8,100.00	\$ 220.00	\$ 9,900.00	\$ 300.00	\$ 13,500.00	\$ 100.00	\$ 4,500.00
129	TELEVISIONING OF NEW SEWER FOR FINAL INSPECTION	993	FOOT	\$ 4.00	\$ 3,972.00	\$ 4.00	\$ 3,972.00	\$ 20.00	\$ 19,860.00	\$ 20.00	\$ 19,860.00
130	ABANDONMENT OF EXISTING SANITARY SEWERS	1	LSUM	\$ 25,001.00	\$ 25,001.00	\$ 20,000.00	\$ 20,000.00	\$ 100,000.00	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00
131	FILLING OF EXISTING PIPE FOR ABANDONMENT (SANITARY)	30	CUYD	\$ 450.00	\$ 13,500.00	\$ 615.00	\$ 18,450.00	\$ 1,000.00	\$ 30,000.00	\$ 300.00	\$ 9,000.00
132	RESTORATION OF LAWNS AND PARKWAYS (SANITARY)	12	SQYD	\$ 15.00	\$ 180.00	\$ 15.00	\$ 180.00	\$ 14.00	\$ 168.00	\$ 30.00	\$ 360.00
133	TEMPORARY HOT-MIX ASPHALT PAVEMENT (SANITARY)	600	SQYD	\$ 45.00	\$ 27,000.00	\$ 22.00	\$ 13,200.00	\$ 55.00	\$ 33,000.00	\$ 90.00	\$ 54,000.00
134	CLASS B PATCH (SANITARY)	350	SQYD	\$ 160.00	\$ 56,000.00	\$ 117.00	\$ 40,950.00	\$ 285.00	\$ 99,750.00	\$ 200.00	\$ 70,000.00
135	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER 1.5-INCH SURFACE (SANITARY)	500	SQYD	\$ 50.00	\$ 25,000.00	\$ 75.00	\$ 37,500.00	\$ 50.00	\$ 25,000.00	\$ 50.00	\$ 25,000.00
136	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SANITARY)	100	FOOT	\$ 60.00	\$ 6,000.00	\$ 71.00	\$ 7,100.00	\$ 120.00	\$ 12,000.00	\$ 80.00	\$ 8,000.00
137	PAVEMENT MARKING - LETTERS AND SYMBOLS	40	SQFT	\$ 20.00	\$ 800.00	\$ 6.00	\$ 240.00	\$ 7.00	\$ 280.00	\$ 50.00	\$ 2,000.00
138	ROCK EXCAVATION (SANITARY)	25	CUYD	\$ 250.00	\$ 6,250.00	\$ 171.00	\$ 4,275.00	\$ 500.00	\$ 12,500.00	\$ 500.00	\$ 12,500.00
SUBTOTAL PART C - SEWER IMPROVEMENTS:				\$	529,000.00	\$	432,097.00	\$	892,708.00	\$	644,770.00
TOTAL AMOUNT OF BID (PARTS A, B, AND C):				\$	10,461,000.00	\$	9,475,973.24	\$	13,035,081.54	\$	14,111,710.00
TOTAL AS READ:				\$	10,461,000.00	\$	9,475,973.24	\$	13,035,081.54	\$	14,111,710.00