

**Harrison's Landing Sewer & Roadway Improvements and Maple Court Sewer & Water Extension**  
Contract No. 76

**Town of Waterford - Utility Commission & Public Works**

**BID #12-102**

				M.E. Smith Inc. Spencer MA		King Construction, Inc. Bloomfield, CT		B&W Paving & Landscaping Mystic, CT		Hugo Key & Sons Newport, RI		
<b>Part I - Sewer Construction</b>												
Sect.	Item	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	2.01	Maintenance & Protection of Traffic	1	L.S.	\$ 24,000.00	\$ 24,000.00	\$ 42,000.00	\$ 42,000.00	\$ 117,360.00	\$ 117,360.00	\$ 5,000.00	\$ 5,000.00
2	2.02	Traffic Control Officers	160	HR.	\$ 45.00	\$ 7,200.00	\$ 90.00	\$ 14,400.00	\$ 80.00	\$ 12,800.00	\$ 85.00	\$ 13,600.00
3	2.08	Clearing & Tree Removal	1	L.S.	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 66,000.00	\$ 66,000.00	\$ 100.00	\$ 100.00
4	2.09	Erosion & Sedimentation Control	1	L.S.	\$ 2,200.00	\$ 2,200.00	\$ 2,000.00	\$ 2,000.00	\$ 6,300.00	\$ 6,300.00	\$ 20,000.00	\$ 20,000.00
5	2.10	Test Pits	25	C.Y.	\$ 20.00	\$ 500.00	\$ 100.00	\$ 2,500.00	\$ 10.00	\$ 250.00	\$ 100.00	\$ 2,500.00
6	3.02	Trench Excavation & Backfill in Excess of Design Depth	100	C.Y.	\$ 12.00	\$ 1,200.00	\$ 0.01	\$ 1.00	\$ 1.00	\$ 100.00	\$ 30.00	\$ 3,000.00
7	3.03	Rock Excavation & Disposal	150	C.Y.	\$ 50.00	\$ 7,500.00	\$ 0.01	\$ 1.50	\$ 175.00	\$ 26,250.00	\$ 200.00	\$ 30,000.00
8	3.04	Gravel Fill	150	C.Y.	\$ 5.00	\$ 750.00	\$ 0.01	\$ 1.50	\$ 18.00	\$ 2,700.00	\$ 24.00	\$ 3,600.00
9	3.06	Gravel Subbase - Grade "B"	1100	C.Y.	\$ 5.00	\$ 5,500.00	\$ 28.00	\$ 30,800.00	\$ 18.00	\$ 19,800.00	\$ 24.00	\$ 26,400.00
10	3.07	Processed Gravel Base	450	C.Y.	\$ 1.00	\$ 450.00	\$ 28.00	\$ 12,600.00	\$ 23.00	\$ 10,350.00	\$ 30.00	\$ 13,500.00
11	3.10	Provisional: Crushed Stone	50	C.Y.	\$ 15.00	\$ 750.00	\$ 0.01	\$ 0.50	\$ 10.00	\$ 500.00	\$ 50.00	\$ 2,500.00
12	4.01	Temporary Pavement for Trench	3200	S.Y.	\$ 12.00	\$ 38,400.00	\$ 13.00	\$ 41,600.00	\$ 13.00	\$ 41,600.00	\$ 14.00	\$ 44,800.00
13	4.06	2-Course Bituminous Concrete for Parking Area	50	TON	\$ 90.00	\$ 4,500.00	\$ 200.00	\$ 10,000.00	\$ 85.00	\$ 4,250.00	\$ 160.00	\$ 8,000.00
14a	5.01	6" PVC - Drainage	40	L.F.	\$ 45.00	\$ 1,800.00	\$ 50.00	\$ 2,000.00	\$ 40.00	\$ 1,600.00	\$ 50.00	\$ 2,000.00
14b	5.01	12" HDPE	40	L.F.	\$ 50.00	\$ 2,000.00	\$ 60.00	\$ 2,400.00	\$ 58.00	\$ 2,320.00	\$ 50.00	\$ 2,000.00
15	5.03	Connect to Existing Drainage Structure	2	EA.	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00
16	5.13	Precast Concrete Drywell	1	EA.	\$ 2,100.00	\$ 2,100.00	\$ 1,500.00	\$ 1,500.00	\$ 2,900.00	\$ 2,900.00	\$ 3,500.00	\$ 3,500.00
17a	6.01	8" Ductile Iron Water Main	360	L.F.	\$ 65.00	\$ 23,400.00	\$ 65.00	\$ 23,400.00	\$ 53.00	\$ 19,080.00	\$ 75.00	\$ 27,000.00
17b	6.01	8" Valve	1	EA.	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00
18a	6.02	1" Water Service Connection	7	EA.	\$ 200.00	\$ 1,400.00	\$ 200.00	\$ 1,400.00	\$ 350.00	\$ 2,450.00	\$ 2,000.00	\$ 14,000.00
18b	6.02	2" Water Service Connection	1	EA.	\$ 300.00	\$ 300.00	\$ 750.00	\$ 750.00	\$ 600.00	\$ 600.00	\$ 2,500.00	\$ 2,500.00
18c	6.02	1" Curb Stop & Box	7	EA.	\$ 200.00	\$ 1,400.00	\$ 250.00	\$ 1,750.00	\$ 250.00	\$ 1,750.00	\$ 500.00	\$ 3,500.00
18d	6.02	2" Curb Stop & Box	1	EA.	\$ 300.00	\$ 300.00	\$ 750.00	\$ 750.00	\$ 800.00	\$ 800.00	\$ 750.00	\$ 750.00
18e	6.02	1" Copper Tubing	180	L.F.	\$ 8.00	\$ 1,440.00	\$ 15.00	\$ 2,700.00	\$ 19.00	\$ 3,420.00	\$ 50.00	\$ 9,000.00
18f	6.02	2" Copper Tubing	65	L.F.	\$ 15.00	\$ 975.00	\$ 20.00	\$ 1,300.00	\$ 27.00	\$ 1,755.00	\$ 60.00	\$ 3,900.00
19	6.04	Fire Hydrant Assembly	1	EA.	\$ 3,100.00	\$ 3,100.00	\$ 4,500.00	\$ 4,500.00	\$ 5,800.00	\$ 5,800.00	\$ 5,000.00	\$ 5,000.00
20a	7.01	Install 8" PVC Sewer: 0-12' Deep - Gravity	2250	L.F.	\$ 80.00	\$ 180,000.00	\$ 80.00	\$ 180,000.00	\$ 84.00	\$ 189,000.00	\$ 75.00	\$ 168,750.00
20b	7.01	Install 8" PVC Sewer: In Excess of 12' Deep - Gravity	715	L.F.	\$ 85.00	\$ 60,775.00	\$ 99.00	\$ 70,785.00	\$ 92.00	\$ 65,780.00	\$ 85.00	\$ 60,775.00
20c	7.01	Install 6" PVC Force Main	2170	L.F.	\$ 65.00	\$ 141,050.00	\$ 35.00	\$ 75,950.00	\$ 52.00	\$ 112,840.00	\$ 40.00	\$ 86,800.00
20d	7.01	Install Low Pressure Foremain (1-1/2" or 2" PVC)	1035	L.F.	\$ 25.00	\$ 25,875.00	\$ 35.00	\$ 36,225.00	\$ 18.00	\$ 18,630.00	\$ 40.00	\$ 41,400.00
21	7.02	Install 6" PVC Service Laterals	575	L.F.	\$ 35.00	\$ 20,125.00	\$ 45.00	\$ 25,875.00	\$ 62.00	\$ 35,650.00	\$ 40.00	\$ 23,000.00
22	7.03	Provisional: Install Chimney Service Lateral	35	V.F.	\$ 75.00	\$ 2,625.00	\$ 150.00	\$ 5,250.00	\$ 100.00	\$ 3,500.00	\$ 300.00	\$ 10,500.00
23	7.04	Install 8"x6" Wye's for Service Laterals	25	EA.	\$ 50.00	\$ 1,250.00	\$ 80.00	\$ 2,000.00	\$ 60.00	\$ 1,500.00	\$ 300.00	\$ 7,500.00
24a	7.05	Sanitary Sewer Manhole: 0-12' Deep	215	V.F.	\$ 235.00	\$ 50,525.00	\$ 310.00	\$ 66,650.00	\$ 185.00	\$ 39,775.00	\$ 500.00	\$ 107,500.00
24b	7.05	Sanitary Sewer Manhole: In Excess of 12' Deep	16	V.F.	\$ 300.00	\$ 4,800.00	\$ 310.00	\$ 4,960.00	\$ 220.00	\$ 3,520.00	\$ 600.00	\$ 9,600.00
25	7.06	Service Lateral Coring - Manhole	7	EA.	\$ 100.00	\$ 700.00	\$ 800.00	\$ 5,600.00	\$ 900.00	\$ 6,300.00	\$ 1,500.00	\$ 10,500.00
26	7.07	Force Main Terminal Cleanout Manhole	1	L.S.	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,900.00	\$ 5,900.00	\$ 7,500.00	\$ 7,500.00
27	7.08	Connect to Existing Sewer	2	EA.	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 2,500.00	\$ 5,000.00
28	7.11	T.V. Survey Completed Sewer Mains	3032	L.F.	\$ 2.00	\$ 6,064.00	\$ 1.50	\$ 4,548.00	\$ 0.90	\$ 2,728.80	\$ 2.00	\$ 6,064.00
29	7.12	Impervious Check Dams	16	EA.	\$ 100.00	\$ 1,600.00	\$ 300.00	\$ 4,800.00	\$ 450.00	\$ 7,200.00	\$ 500.00	\$ 8,000.00
30	7.13	Grinder Pumps, Control Systems and Tanks	17	EA.	\$ 4,400.00	\$ 74,800.00	\$ 2,900.00	\$ 49,300.00	\$ 8,800.00	\$ 149,600.00	\$ 5,000.00	\$ 85,000.00
31	7.14	Install 1 1/4" Force Main Service Laterals	350	L.F.	\$ 18.00	\$ 6,300.00	\$ 30.00	\$ 10,500.00	\$ 48.00	\$ 16,800.00	\$ 1,200.00	\$ 420,000.00
32a	7.16	Railroad Crossing Setup - Insert & Receiving Pits	1	L.S.	\$ 63,000.00	\$ 63,000.00	\$ 28,600.00	\$ 28,600.00	\$ 45,600.00	\$ 45,600.00	\$ 45,000.00	\$ 45,000.00
32b	7.16	Railroad Crossing - Boring/Pipe Jacking	72	L.F.	\$ 1,100.00	\$ 79,200.00	\$ 1,022.00	\$ 73,584.00	\$ 1,320.00	\$ 95,040.00	\$ 1,000.00	\$ 72,000.00
32c	7.16	Railroad Crossing - Obstruction (Not Rock)	12	HR.	\$ 500.00	\$ 6,000.00	\$ 940.00	\$ 11,280.00	\$ 975.00	\$ 11,700.00	\$ 500.00	\$ 6,000.00
32d	7.16	Railroad Crossing - Obstruction (Rock)	20	C.F.	\$ 450.00	\$ 9,000.00	\$ 972.00	\$ 19,440.00	\$ 1,000.00	\$ 20,000.00	\$ 400.00	\$ 8,000.00
33a	7.17	Directional Bore Setup - Insert & Receiving Pits	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 28,600.00	\$ 28,600.00	\$ 19,500.00	\$ 19,500.00	\$ 45,000.00	\$ 45,000.00
33b	7.17	Directional Bore - Boring and Install	200	L.F.	\$ 360.00	\$ 72,000.00	\$ 275.00	\$ 55,000.00	\$ 260.00	\$ 52,000.00	\$ 250.00	\$ 50,000.00
33c	7.17	Directional Bore - Rock Obstruction	8	HR.	\$ 600.00	\$ 4,800.00	\$ 2,600.00	\$ 20,800.00	\$ 3,000.00	\$ 24,000.00	\$ 800.00	\$ 6,400.00
33d	7.17	Directional Bore - Grout Injection	1	L.S.	\$ 6,500.00	\$ 6,500.00	\$ 8,000.00	\$ 8,000.00	\$ 8,300.00	\$ 8,300.00	\$ 10,000.00	\$ 10,000.00
34	8.01	Topsoil, Seed, Fertilize & Mulch	200	S.Y.	\$ 8.00	\$ 1,600.00	\$ 6.00	\$ 1,200.00	\$ 4.90	\$ 980.00	\$ 5.00	\$ 1,000.00
35	8.03	Landscaping - Tree or Shrub	8	EA.	\$ 200.00	\$ 1,600.00	\$ 150.00	\$ 1,200.00	\$ 300.00	\$ 2,400.00	\$ 200.00	\$ 1,600.00
36	9.02	Provisional: Cast-in-Place Concrete	20	C.Y.	\$ 100.00	\$ 2,000.00	\$ 0.01	\$ 0.20	\$ 100.00	\$ 2,000.00	\$ 400.00	\$ 8,000.00
37	9.03	Provisional: Water Service Relocation: 1" or Less	100	L.F.	\$ 15.00	\$ 1,500.00	\$ 10.00	\$ 1,000.00	\$ 35.00	\$ 3,500.00	\$ 50.00	\$ 5,000.00
38	9.04	Provisional: Drainage Pipe Replacement: 18" or Less	50	L.F.	\$ 25.00	\$ 1,250.00	\$ 30.00	\$ 1,500.00	\$ 40.00	\$ 2,000.00	\$ 70.00	\$ 3,500.00
				<b>Part I Amount:</b>	\$ 994,604.00		\$ 1,000,601.70		\$ 1,304,678.80		\$ 1,570,039.00	
<b>Part II - Roadway Improvements</b>												
Sect.	Item	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	2.01	Maintenance & Protection of Traffic	1	L.S.	\$ 15,000.00	\$ 15,000.00	\$ 26,500.00	\$ 26,500.00	\$ 95,000.00	\$ 95,000.00	\$ 5,000.00	\$ 5,000.00
2	2.02	Traffic Control Officers	80	HR.	\$ 45.00	\$ 3,600.00	\$ 90.00	\$ 7,200.00	\$ 80.00	\$ 6,400.00	\$ 85.00	\$ 6,800.00
3	2.08	Clearing & Tree Removal	1	L.S.	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 4,500.00	\$ 4,500.00	\$ 100.00	\$ 100.00
4	2.09	Erosion & Sedimentation Control	1	L.S.	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00	\$ 16,500.00	\$ 16,500.00	\$ 5,000.00	\$ 5,000.00
5	2.10	Test Pits	15	C.Y.	\$ 20.00	\$ 300.00	\$ 1.00	\$ 15.00	\$ 1.00	\$ 15.00	\$ 100.00	\$ 1,500.00
6	3.01	General Excavation	1	L.S.	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 13,840.00	\$ 13,840.00	\$ 25,000.00	\$ 25,000.00
7	3.02	Trench Excavation & Backfill in Excess of Design Depth	50	C.Y.	\$ 15.00	\$ 750.00	\$ 20.00	\$ 1,000.00	\$ 1.00	\$ 50.00	\$ 30.00	\$ 1,500.00
8	3.03	Rock Excavation & Disposal	50	C.Y.	\$ 1.00	\$ 50.00	\$ 0.01	\$ 0.50	\$ 170.00	\$ 8,500.00	\$ 200.00	\$ 10,000.00
9	3.04	Gravel Fill	50	C.Y.	\$ 1.00	\$ 50.00	\$ 0.01	\$ 0.50	\$ 1.00	\$ 50.00	\$ 24.00	\$ 1,200.00
10	3.06	Gravel Subbase - Grade "B"	60	C.Y.	\$ 1.00	\$ 60.00	\$ 28.00	\$ 1,680.00	\$ 1.00	\$ 60.00	\$ 24.00	\$ 1,440.00
11	3.07	Processed Gravel Base	200	C.Y.	\$ 5.00	\$ 1,000.00	\$ 28.00	\$ 5,600.00	\$ 1.00	\$ 200.00	\$ 30.00	\$ 6,000.00
12	3.10	Provisional: Crushed Stone	20	C.Y.	\$ 20.00	\$ 400.00	\$ 0.01	\$ 0.20	\$ 1.00	\$ 20.00	\$ 50.00	\$ 1,000.00
13	4.01	Temporary Pavement for Trench	200	S.Y.	\$ 12.00	\$ 2,400.00	\$ 13.00	\$ 2,600.00	\$ 1.00	\$ 200.00	\$ 14.00	\$ 2,800.00
14	4.04	Bituminous Concrete Lip Curb	210	L.F.	\$ 7.00	\$ 1,470.00	\$ 6.00	\$ 1,260.00	\$ 4.50	\$ 945.00	\$ 6.00	\$ 1,260.00
15	4.05	Bituminous Concrete for Sidewalks and Driveways	14000	S.F.	\$ 2.00	\$ 28,000.00	\$ 2.00	\$ 28,000.00	\$ 2.85	\$ 39,900.00	\$ 3.00	\$ 42,000.00
16	4.06	2-Course Bituminous Concrete	2500	TON	\$ 80.00	\$ 200,000.00	\$ 85.00	\$ 212,500.00	\$ 78.00	\$ 195,000.00	\$ 95.00	\$ 237,500.00
17	4.07	Full Depth Reclamation	13600	S.Y.	\$ 2.50	\$ 34,000.00	\$ 3.50	\$ 47,600.00	\$ 2.15	\$ 29,240.00	\$ 2.15	\$ 29,240.00
18	4.08	Concrete Sidewalks & Ramps	100	S.F.	\$ 2.50	\$ 250.00	\$ 15.00	\$ 1,500.00	\$ 18.00	\$ 1,800.00	\$ 10.00	\$ 1,000.00
19	4.09	Concrete Curbing	5650	L.F.	\$ 17.00	\$ 96,050.00	\$ 24.00	\$ 135,600.00	\$ 22.00	\$ 124,300.00	\$ 23.00	\$ 129,950.00
20	4.10	Milling	1550	S.Y.	\$ 2.00	\$ 3,100.00	\$ 2.50	\$ 3,875.00	\$ 5.15	\$ 7,987.50	\$ 3.00	\$ 4,650.00
21	4.11	Overlay on Millled Surface (1 1/2")	1550	S.Y.	\$ 6.00	\$ 9,300.00	\$ 8.00	\$ 12,400.00	\$ 7.20	\$ 11,160.00	\$ 14.00	\$ 21,700.00
22a	5.01	6" PVC - Drainage	15	L.F.	\$ 30.00	\$ 450.00	\$ 40.00	\$ 600.00	\$ 65.00	\$ 975.00	\$ 50.00	\$ 750.00
22b	5.01	12" HDPE	360	L.F.	\$ 35.00	\$ 12,600.00	\$ 40.00	\$ 14,400.				

		VMS Construction Comp. Vernon, CT				Folsom Construction, LLC South Windsor, CT		Ralph Camputaro & Son Ex. North Branford, CT		
Part I - Sewer Construction										
Sec't	Item	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	2.01	Maintenance & Protection of Traffic	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 350,000.00	\$ 350,000.00	\$ 207,000.00	\$ 207,000.00
2	2.02	Traffic Control Officers	160	HR.	\$ 95.00	\$ 15,200.00	\$ 85.00	\$ 13,600.00	\$ 70.00	\$ 11,200.00
3	2.08	Clearing & Tree Removal	1	L.S.	\$ 90,000.00	\$ 90,000.00	\$ 2,000.00	\$ 2,000.00	\$ 11,000.00	\$ 11,000.00
4	2.09	Erosion & Sedimentation Control	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 16,500.00	\$ 16,500.00	\$ 18,800.00	\$ 18,800.00
5	2.10	Test Pits	25	C.Y.	\$ 50.00	\$ 1,250.00	\$ 275.00	\$ 6,875.00	\$ 285.00	\$ 7,125.00
6	3.02	Trench Excavation & Backfill in Excess of Design Depth	100	C.Y.	\$ 10.00	\$ 1,000.00	\$ 50.00	\$ 5,000.00	\$ 34.00	\$ 3,400.00
7	3.03	Rock Excavation & Disposal	150	C.Y.	\$ 200.00	\$ 30,000.00	\$ 60.00	\$ 9,000.00	\$ 150.00	\$ 22,500.00
8	3.04	Gravel Fill	150	C.Y.	\$ 30.00	\$ 4,500.00	\$ 65.00	\$ 9,750.00	\$ 53.50	\$ 8,025.00
9	3.06	Gravel Subbase - Grade "B"	1100	C.Y.	\$ 48.00	\$ 52,800.00	\$ 50.00	\$ 55,000.00	\$ 57.00	\$ 62,700.00
10	3.07	Processed Gravel Base	450	C.Y.	\$ 67.00	\$ 30,150.00	\$ 55.00	\$ 24,750.00	\$ 54.00	\$ 24,300.00
11	3.10	Provisional: Crushed Stone	50	C.Y.	\$ 30.00	\$ 1,500.00	\$ 75.00	\$ 3,750.00	\$ 60.00	\$ 3,000.00
12	4.01	Temporary Pavement for Trench	3200	S.Y.	\$ 17.75	\$ 56,800.00	\$ 40.00	\$ 128,000.00	\$ 20.00	\$ 64,000.00
13	4.06	2-Course Bituminous Concrete for Parking Area	50	TON	\$ 121.00	\$ 6,050.00	\$ 195.00	\$ 9,750.00	\$ 172.00	\$ 8,600.00
14a	5.01	6" PVC - Drainage	40	L.F.	\$ 56.00	\$ 2,240.00	\$ 28.00	\$ 1,120.00	\$ 83.00	\$ 3,320.00
14b	5.01	15" HDPE	40	L.F.	\$ 71.00	\$ 2,840.00	\$ 180.00	\$ 7,200.00	\$ 94.00	\$ 3,760.00
15	5.03	Connect to Existing Drainage Structure	2	EA.	\$ 450.00	\$ 900.00	\$ 125.00	\$ 250.00	\$ 1,570.00	\$ 3,140.00
16	5.13	Precast Concrete Drywell	1	EA.	\$ 3,875.00	\$ 3,875.00	\$ 6,000.00	\$ 6,000.00	\$ 5,680.00	\$ 5,680.00
17a	6.01	8" Ductile Iron Water Main	360	L.F.	\$ 70.00	\$ 25,200.00	\$ 100.00	\$ 36,000.00	\$ 110.00	\$ 39,600.00
17b	6.01	8" Valve	1	EA.	\$ 1,240.00	\$ 1,240.00	\$ 1,050.00	\$ 1,050.00	\$ 2,350.00	\$ 2,350.00
18a	6.02	1" Water Service Connection	7	EA.	\$ 540.00	\$ 3,780.00	\$ 140.00	\$ 980.00	\$ 3,630.00	\$ 25,410.00
18b	6.02	2" Water Service Connection	1	EA.	\$ 850.00	\$ 850.00	\$ 270.00	\$ 270.00	\$ 4,000.00	\$ 4,000.00
18c	6.02	1" Curb Stop & Box	7	EA.	\$ 407.00	\$ 2,849.00	\$ 220.00	\$ 1,540.00	\$ 540.00	\$ 3,780.00
18d	6.02	2" Curb Stop & Box	1	EA.	\$ 605.00	\$ 605.00	\$ 415.00	\$ 415.00	\$ 800.00	\$ 800.00
18e	6.02	1" Copper Tubing	180	L.F.	\$ 73.50	\$ 13,230.00	\$ 70.00	\$ 12,600.00	\$ 78.50	\$ 14,130.00
18f	6.02	2" Copper Tubing	65	L.F.	\$ 84.50	\$ 5,492.50	\$ 95.00	\$ 6,175.00	\$ 64.00	\$ 4,160.00
19	6.04	Fire Hydrant Assembly	1	EA.	\$ 6,100.00	\$ 6,100.00	\$ 5,000.00	\$ 5,000.00	\$ 6,470.00	\$ 6,470.00
20a	7.01	Install 8" PVC Sewer: 0-12' Deep - Gravity	2250	L.F.	\$ 67.50	\$ 151,875.00	\$ 100.00	\$ 225,000.00	\$ 129.00	\$ 290,250.00
20b	7.01	Install 8" PVC Sewer: In Excess of 12' Deep - Gravity	715	L.F.	\$ 124.00	\$ 88,660.00	\$ 140.00	\$ 100,100.00	\$ 143.00	\$ 102,245.00
20c	7.01	Install 6" PVC Force Main	2170	L.F.	\$ 35.00	\$ 75,950.00	\$ 60.00	\$ 130,200.00	\$ 86.50	\$ 187,705.00
20d	7.01	Install Low Pressure Foremain (1-1/2" or 2" PVC)	1035	L.F.	\$ 2.70	\$ 2,794.50	\$ 35.00	\$ 36,225.00	\$ 16.00	\$ 16,560.00
21	7.02	Install 6" PVC Service Laterals	575	L.F.	\$ 97.50	\$ 56,062.50	\$ 92.00	\$ 52,900.00	\$ 58.00	\$ 33,350.00
22	7.03	Provisional: Install Chimney Service Lateral	35	V.F.	\$ 200.00	\$ 7,000.00	\$ 80.00	\$ 2,800.00	\$ 340.00	\$ 11,900.00
23	7.04	Install 8"x6" Wye's for Service Laterals	25	EA.	\$ 135.00	\$ 3,375.00	\$ 45.00	\$ 1,125.00	\$ 368.00	\$ 9,200.00
24a	7.05	Sanitary Sewer Manhole: 0-12' Deep	215	V.F.	\$ 515.00	\$ 110,725.00	\$ 260.00	\$ 55,900.00	\$ 490.00	\$ 105,350.00
24b	7.05	Sanitary Sewer Manhole: In Excess of 12' Deep	16	V.F.	\$ 440.00	\$ 7,040.00	\$ 260.00	\$ 4,160.00	\$ 660.00	\$ 10,560.00
25	7.06	Service Lateral Coring - Manhole	7	EA.	\$ 500.00	\$ 3,500.00	\$ 360.00	\$ 2,520.00	\$ 680.00	\$ 4,760.00
26	7.07	Force Main Terminal Cleanout Manhole	1	L.S.	\$ 7,900.00	\$ 7,900.00	\$ 5,000.00	\$ 5,000.00	\$ 4,400.00	\$ 4,400.00
27	7.08	Connect to Existing Sewer	2	EA.	\$ 2,000.00	\$ 4,000.00	\$ 480.00	\$ 960.00	\$ 3,620.00	\$ 7,240.00
28	7.11	T.V. Survey Completed Sewer Mains	3032	L.F.	\$ 2.00	\$ 6,064.00	\$ 2.50	\$ 7,580.00	\$ 3.00	\$ 9,096.00
29	7.12	Impervious Check Dams	16	EA.	\$ 100.00	\$ 1,600.00	\$ 230.00	\$ 3,680.00	\$ 1,000.00	\$ 16,000.00
30	7.13	Grinder Pumps, Control Systems and Tanks	17	EA.	\$ 3,400.00	\$ 57,800.00	\$ 2,715.00	\$ 46,155.00	\$ 8,500.00	\$ 144,500.00
31	7.14	Install 1 1/4" Force Main Service Laterals	350	L.F.	\$ 56.50	\$ 19,775.00	\$ 60.00	\$ 21,000.00	\$ 90.00	\$ 31,500.00
32a	7.16	Railroad Crossing Setup - Insert & Receiving Pits	1	L.S.	\$ 42,000.00	\$ 42,000.00	\$ 90,000.00	\$ 90,000.00	\$ 207,000.00	\$ 207,000.00
32b	7.16	Railroad Crossing - Boring/Pipe Jacking	72	L.F.	\$ 1,825.00	\$ 131,400.00	\$ 2,200.00	\$ 158,400.00	\$ 1,275.00	\$ 91,800.00
32c	7.16	Railroad Crossing - Obstruction (Not Rock)	12	HR.	\$ 1,175.00	\$ 14,100.00	\$ 740.00	\$ 8,880.00	\$ 950.00	\$ 11,400.00
32d	7.16	Railroad Crossing - Obstruction (Rock)	20	C.F.	\$ 290.00	\$ 5,800.00	\$ 270.00	\$ 5,400.00	\$ 1,000.00	\$ 20,000.00
33a	7.17	Directional Bore Setup - Insert & Receiving Pits	1	L.S.	\$ 24,000.00	\$ 24,000.00	\$ 27,000.00	\$ 27,000.00	\$ 18,000.00	\$ 18,000.00
33b	7.17	Directional Bore - Boring and Install	200	L.F.	\$ 327.00	\$ 65,400.00	\$ 290.00	\$ 58,000.00	\$ 291.00	\$ 58,200.00
33c	7.17	Directional Bore - Rock Obstruction	8	HR.	\$ 2,500.00	\$ 20,000.00	\$ 2,700.00	\$ 21,600.00	\$ 2,600.00	\$ 20,800.00
33d	7.17	Directional Bore - Grout Injection	1	L.S.	\$ 9,000.00	\$ 9,000.00	\$ 7,900.00	\$ 7,900.00	\$ 8,700.00	\$ 8,700.00
34	8.01	Topsoil, Seed, Fertilize & Mulch	200	S.Y.	\$ 4.00	\$ 800.00	\$ 10.00	\$ 2,000.00	\$ 11.00	\$ 2,200.00
35	8.03	Landscaping - Tree or Shrub	8	EA.	\$ 225.00	\$ 1,800.00	\$ 350.00	\$ 2,800.00	\$ 490.00	\$ 3,920.00
36	9.02	Provisional: Cast-in-Place Concrete	20	C.Y.	\$ 250.00	\$ 5,000.00	\$ 345.00	\$ 6,900.00	\$ 560.00	\$ 11,200.00
37	9.03	Provisional: Water Service Relocation: 1" or Less	100	L.F.	\$ 74.50	\$ 7,450.00	\$ 65.00	\$ 6,500.00	\$ 98.00	\$ 9,800.00
38	9.04	Provisional: Drainage Pipe Replacement: 18" or Less	50	L.F.	\$ 90.00	\$ 4,500.00	\$ 80.00	\$ 4,000.00	\$ 68.00	\$ 3,400.00
<b>Part I Amount:</b>					\$ 1,323,822.50		\$ 1,807,260.00		\$ 2,019,286.00	
Part II - Roadway Improvements										
Sec't	Item	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	2.01	Maintenance & Protection of Traffic	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 220,000.00	\$ 220,000.00	\$ 103,000.00	\$ 103,000.00
2	2.02	Traffic Control Officers	80	HR.	\$ 95.00	\$ 7,600.00	\$ 85.00	\$ 6,800.00	\$ 70.00	\$ 5,600.00
3	2.08	Clearing & Tree Removal	1	L.S.	\$ 35,000.00	\$ 35,000.00	\$ 0.01	\$ 0.01	\$ 7,400.00	\$ 7,400.00
4	2.09	Erosion & Sedimentation Control	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 0.01	\$ 0.01	\$ 11,500.00	\$ 11,500.00
5	2.10	Test Pits	15	C.Y.	\$ 50.00	\$ 750.00	\$ 0.01	\$ 0.15	\$ 285.00	\$ 4,275.00
6	3.01	General Excavation	1	L.S.	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 13,000.00	\$ 13,000.00
7	3.02	Trench Excavation & Backfill in Excess of Design Depth	50	C.Y.	\$ 10.00	\$ 500.00	\$ 45.00	\$ 2,250.00	\$ 34.00	\$ 1,700.00
8	3.03	Rock Excavation & Disposal	50	C.Y.	\$ 200.00	\$ 10,000.00	\$ 60.00	\$ 3,000.00	\$ 150.00	\$ 7,500.00
9	3.04	Gravel Fill	50	C.Y.	\$ 30.00	\$ 1,500.00	\$ 65.00	\$ 3,250.00	\$ 46.00	\$ 2,300.00
10	3.06	Gravel Subbase - Grade "B"	60	C.Y.	\$ 48.00	\$ 2,880.00	\$ 50.00	\$ 3,000.00	\$ 51.00	\$ 3,060.00
11	3.07	Processed Gravel Base	200	C.Y.	\$ 67.00	\$ 13,400.00	\$ 55.00	\$ 11,000.00	\$ 57.00	\$ 11,400.00
12	3.10	Provisional: Crushed Stone	20	C.Y.	\$ 30.00	\$ 600.00	\$ 75.00	\$ 1,500.00	\$ 60.00	\$ 1,200.00
13	4.01	Temporary Pavement for Trench	200	S.Y.	\$ 17.75	\$ 3,550.00	\$ 40.00	\$ 8,000.00	\$ 22.00	\$ 4,400.00
14	4.04	Bituminous Concrete Lip Curb	210	L.F.	\$ 7.00	\$ 1,470.00	\$ 11.00	\$ 2,310.00	\$ 10.00	\$ 2,100.00
15	4.05	Bituminous Concrete for Sidewalks and Driveways	14000	S.F.	\$ 5.75	\$ 80,500.00	\$ 4.00	\$ 56,000.00	\$ 5.25	\$ 73,500.00
16	4.06	2-Course Bituminous Concrete	2500	TON	\$ 99.00	\$ 247,500.00	\$ 125.00	\$ 312,500.00	\$ 104.00	\$ 260,000.00
17	4.07	Full Depth Reclamation	13600	S.Y.	\$ 3.15	\$ 42,840.00	\$ 4.00	\$ 54,400.00	\$ 2.20	\$ 29,920.00
18	4.08	Concrete Sidewalks & Ramps	100	S.F.	\$ 11.00	\$ 1,100.00	\$ 34.00	\$ 3,400.00	\$ 51.00	\$ 5,100.00
19	4.09	Concrete Curbing	5650	L.F.	\$ 29.50	\$ 166,675.00	\$ 31.00	\$ 175,150.00	\$ 34.00	\$ 192,100.00
20	4.10	Milling	1550	S.Y.	\$ 3.15	\$ 4,882.50	\$ 9.00	\$ 13,950.00	\$ 7.00	\$ 10,850.00
21	4.11	Overlay on Milled Surface (1 1/2")	1550	S.Y.	\$ 9.95	\$ 15,422.50	\$ 17.00	\$ 26,350.00	\$ 12.00	\$ 18,600.00
22a	5.01	6" PVC - Drainage	15	L.F.	\$ 56.00	\$ 840.00	\$ 35.00	\$ 525.00	\$ 80.00	\$ 1,200.00
22b	5.01	12" HDPE	360	L.F.	\$ 46.25	\$ 16,650.00	\$ 40.00	\$ 14,400.00	\$ 62.00	\$ 22,320.00
23	5.02	Catch Basin (Type "C" or "C-L")	5	EA.	\$ 2,900.00	\$ 14,500.00	\$ 1,600.00	\$ 8,000.00	\$ 3,635.00	\$ 18,175.00
24	5.03	Connect to Existing Drainage Structure	1	EA.	\$ 450.00	\$ 450.00	\$ 125.00	\$ 125.00	\$ 1,350.00	\$ 1,350.00
25	5.10	Replace Existing Catch Basin Top	5	EA.	\$ 900.00	\$ 4,500.00	\$ 860.00	\$ 4,300.00	\$ 1,140.00	\$ 5,700.00
26	5.11	Provisional: Reconstruct Drainage Structure	10	V.F.	\$ 325.00	\$ 3,250.00	\$ 120.00	\$ 1,200.00	\$ 267.00	\$ 2,670.00
27	5.13	Precast Concrete Drywell	4	EA.	\$ 3,875.00	\$ 15,500.00	\$ 3,400.00	\$ 13,600.00	\$ 5,680.00	\$ 22,720.00
28	5.15	Stone Drainage Trenches	400	C.Y.	\$ 38.00	\$ 15,200.00	\$ 28.00	\$ 11,200.00	\$ 66.00	\$ 26,400.00
29	8.01	Topsoil, Seed, Fertilize & Mulch	6000	S.Y.	\$ 4.00	\$ 24,000.00	\$ 10.00	\$ 60,000.00	\$ 11.00	\$ 66,000.00
30	8.02	Provisional: Erosion Control Matting	1000	S.Y.	\$ 3.00	\$ 3,000.00	\$ 5.00	\$ 5,000.00	\$ 4.00	\$ 4,000.00
31	8.03	Landscaping - Tree or Shrub	6	EA.	\$ 225.00	\$ 1,350.00	\$ 350.00	\$ 2,100.00	\$ 490.00	\$ 2,940.00
32	9.05	Replace Traffic Loop Detectors	1	L.S.	\$ 3,900.00	\$ 3,900.00	\$ 9,500.00	\$ 9,500.00	\$ 11,600.00	\$ 11,600.00
33	9.06	Metal Beam Rail & End Anchorage	235	L.F.	\$ 27.50	\$ 6,462.50	\$ 48.00	\$ 11,280.00	\$ 52.00	\$ 12,220.00
34	9.16	Signing and Pavement Markings	1	L.S.	\$ 2,500.00	\$ 2,500.00	\$ 2,100.00	\$ 2,100.00	\$ 5,100.00	\$ 5,100.00
<b>Part II Amount:</b>					\$ 823,272.50		\$ 1,106,190.17		\$ 970,900.00	
Part III - Sanitary Wastewater Pump Station										
Sec't	Item	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	7.5	Sanitary Wastewater Pump Station	1	L.S.	\$ 670,000.00	\$ 670,000.00	\$ 685,000.00	\$ 685,000.00	\$ 855,000.00	\$ 855,000.00
<b>Part III Amount:</b>					\$ 670,000.00		\$ 685,000.00		\$ 855,000.00	
<b>Total Bid Amount (Sum of Parts I, II &amp; III):</b>					\$ 2,817,095.00		\$ 3,598,450.17		\$ 3,845,186.00	