

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta dba Cioffi		2. Vito Gironda Const.		*3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$11,800.00	\$11,800.00	\$4,500.00	\$4,500.00
2	201	Clearing and Grubbing	1	L.S.	\$4,200.00	\$4,200.00	\$100.00	\$100.00	\$500.00	\$500.00	\$3,500.00	\$3,500.00
3	202	Inlet Removed	4	EACH	\$200.00	\$800.00	\$25.00	\$100.00	\$50.00	\$200.00	\$100.00	\$400.00
4	202	Pipe Abandoned, 12"	50	L.F.	\$3.00	\$150.00	\$8.00	\$400.00	\$5.00	\$250.00	\$8.00	\$400.00
5	202	Hydrant Removed	2	EACH	\$200.00	\$400.00	\$25.00	\$50.00	\$100.00	\$200.00	\$350.00	\$700.00
6	202	Water Main Valves Removed	7	EACH	\$150.00	\$1,050.00	\$25.00	\$175.00	\$50.00	\$350.00	\$350.00	\$2,450.00
7	203	Excavation Including Embankment Construction	2500	C.Y.	\$11.00	\$27,500.00	\$10.00	\$25,000.00	\$20.00	\$50,000.00	\$16.00	\$40,000.00
8	203	Aggregate Refill Type 1	1000	C.Y.	\$27.00	\$27,000.00	\$25.00	\$25,000.00	\$15.00	\$15,000.00	\$30.00	\$30,000.00
9	203	Aggregate Refill Type 2	1000	C.Y.	\$27.00	\$27,000.00	\$26.00	\$26,000.00	\$15.00	\$15,000.00	\$33.00	\$33,000.00
10	252	Trenches for Water Services in Earth	120	C.Y.	\$20.00	\$2,400.00	\$25.00	\$3,000.00	\$5.00	\$600.00	\$38.00	\$4,560.00
11	254	6" Ductile Iron Pipe (Installation Only)	90	L.F.	\$30.00	\$2,700.00	\$54.00	\$4,860.00	\$35.00	\$3,150.00	\$50.00	\$4,500.00
12	254	8" Ductile Iron Pipe (Installation Only)	520	L.F.	\$40.00	\$20,800.00	\$34.00	\$17,680.00	\$35.00	\$18,200.00	\$42.00	\$21,840.00
13	258	6" Gate Valve	5	EACH	\$500.00	\$2,500.00	\$560.00	\$2,800.00	\$600.00	\$3,000.00	\$475.00	\$2,375.00
14	258	8" Gate Valve	2	EACH	\$500.00	\$1,000.00	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$700.00	\$1,400.00
15	259	6" Plug	2	EACH	\$250.00	\$500.00	\$200.00	\$400.00	\$300.00	\$600.00	\$50.00	\$100.00
16	259	4" 45 Degree Bend	1	EACH	\$275.00	\$275.00	\$350.00	\$350.00	\$300.00	\$300.00	\$100.00	\$100.00
17	259	6" 45 Degree Bend	6	EACH	\$350.00	\$2,100.00	\$150.00	\$900.00	\$350.00	\$2,100.00	\$125.00	\$750.00
18	259	8" 22 1/2 Degree Bend	2	EACH	\$500.00	\$1,000.00	\$200.00	\$400.00	\$500.00	\$1,000.00	\$125.00	\$250.00
19	259	8" 45 Degree Bend	5	EACH	\$500.00	\$2,500.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00	\$150.00	\$750.00
20	259	12" 45 Degree Bend	4	EACH	\$450.00	\$1,800.00	\$945.00	\$3,780.00	\$800.00	\$3,200.00	\$300.00	\$1,200.00
21	259	6"x4" Reducer	1	EACH	\$375.00	\$375.00	\$150.00	\$150.00	\$400.00	\$400.00	\$150.00	\$150.00
22	259	8"x6" Reducer	2	EACH	\$400.00	\$800.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$150.00	\$300.00
23	259	8"x8" Tee	1	EACH	\$500.00	\$500.00	\$300.00	\$300.00	\$800.00	\$800.00	\$250.00	\$250.00
24	259	16"x6" Tee	1	EACH	\$800.00	\$800.00	\$2,462.00	\$2,462.00	\$1,200.00	\$1,200.00	\$550.00	\$550.00
25	259	8"x6" Cross	1	EACH	\$600.00	\$600.00	\$450.00	\$450.00	\$800.00	\$800.00	\$250.00	\$250.00
26	259	4" Solid Sleeve	1	EACH	\$300.00	\$300.00	\$150.00	\$150.00	\$500.00	\$500.00	\$75.00	\$75.00
27	259	12" Solid Sleeve	1	EACH	\$400.00	\$400.00	\$250.00	\$250.00	\$600.00	\$600.00	\$150.00	\$150.00
28	259	16" Solid Sleeve	1	EACH	\$500.00	\$500.00	\$665.00	\$665.00	\$800.00	\$800.00	\$300.00	\$300.00
29	259	16"x8" Tapping Sleeve and Valve	1	EACH	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$4,250.00	\$4,250.00
30	260	6" Hydrant	3	EACH	\$1,600.00	\$4,800.00	\$2,800.00	\$8,400.00	\$2,200.00	\$6,600.00	\$1,800.00	\$5,400.00
31	265	Water Valve Boxes Adjusted	7	EACH	\$100.00	\$700.00	\$100.00	\$700.00	\$100.00	\$700.00	\$100.00	\$700.00
32	301	8 3/4" Bituminous Aggregate Base	1625	C.Y.	\$90.00	\$146,250.00	\$80.00	\$130,000.00	\$70.00	\$113,750.00	\$84.00	\$136,500.00
33	404	Asphalt Concrete, 1 1/4" Thick	235	C.Y.	\$105.00	\$24,675.00	\$98.00	\$23,030.00	\$98.00	\$23,030.00	\$96.00	\$22,560.00
34	404	Asphalt Concrete, 4" Thick Driveway Reconstruction	10	C.Y.	\$120.00	\$1,200.00	\$200.00	\$2,000.00	\$50.00	\$500.00	\$200.00	\$2,000.00
35	407	Tack Coat	675	Gal.	\$1.50	\$1,012.50	\$1.15	\$776.25	\$0.60	\$405.00	\$1.25	\$843.75
36	410	Drive and Walkway Sealcoat	100	S.Y.	\$2.00	\$200.00	\$15.00	\$1,500.00	\$1.00	\$100.00	\$5.00	\$500.00
37	455	Concrete Combined Curb & Gutter	3950	L.F.	\$12.00	\$47,400.00	\$12.00	\$47,400.00	\$15.00	\$59,250.00	\$16.00	\$63,200.00

38	455	Curb, Type 6" x 18"	260 L.F.	\$12.00	\$3,120.00	\$15.00	\$3,900.00	\$10.00	\$2,600.00	\$20.00	\$5,200.00
39	456	Curb Ramps	30 EACH	\$200.00	\$6,000.00	\$150.00	\$4,500.00	\$200.00	\$6,000.00	\$350.00	\$10,500.00
40	456	Concrete Walk, 6" Thick	24000 S.F.	\$3.50	\$84,000.00	\$3.50	\$84,000.00	\$4.60	\$110,400.00	\$4.25	\$102,000.00
41	456	Concrete Aprons	1500 S.F.	\$3.75	\$5,625.00	\$3.50	\$5,250.00	\$4.60	\$6,900.00	\$5.50	\$8,250.00
42	456	6" Concrete for Driveway Reconstruction	500 S.F.	\$3.75	\$1,875.00	\$4.00	\$2,000.00	\$4.60	\$2,300.00	\$5.50	\$2,750.00
43	552	12 inch Storm Sewer, Type A	100 L.F.	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$60.00	\$6,000.00	\$38.00	\$3,800.00
44	553	12 inch Inlet Connections	320 L.F.	\$50.00	\$16,000.00	\$40.00	\$12,800.00	\$30.00	\$9,600.00	\$50.00	\$16,000.00
45	556	House Drain Pipe, Complete	42 EACH	\$30.00	\$1,260.00	\$35.00	\$1,470.00	\$10.00	\$420.00	\$0.01	\$0.42
46	556	House Drain Pipe, Type A	60 L.F.	\$2.50	\$150.00	\$1.00	\$60.00	\$1.00	\$60.00	\$0.01	\$0.60
47	562	Brick Manhole Adjusted	12 EACH	\$250.00	\$3,000.00	\$200.00	\$2,400.00	\$400.00	\$4,800.00	\$200.00	\$2,400.00
48	562	Brick Manhole Rebuilt	5 L.F.	\$250.00	\$1,250.00	\$200.00	\$1,000.00	\$100.00	\$500.00	\$1,000.00	\$5,000.00
49	562	Manhole MH-2A (Slabtop) on Storm Sewer	1 EACH	\$3,000.00	\$3,000.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00	\$1,750.00	\$1,750.00
50	563	Inlet, No. 3	1 EACH	\$1,200.00	\$1,200.00	\$1,300.00	\$1,300.00	\$1,700.00	\$1,700.00	\$1,700.00	\$1,700.00
51	563	Inlet, Double No. 5 (Castings Supplied by the City)	10 EACH	\$1,200.00	\$12,000.00	\$900.00	\$9,000.00	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00
52	563	Inlet, Modified Double No. 5 (Castings Supplied by the City)	4 EACH	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	\$1,700.00	\$6,800.00	\$1,500.00	\$6,000.00
53	564	4" Pipe Underdrains, 707.15	4100 L.F.	\$3.25	\$13,325.00	\$4.00	\$16,400.00	\$2.00	\$8,200.00	\$6.00	\$24,600.00
54	603	Limestone for Driveway Recostruction, 6" Thick	20 S.Y.	\$12.00	\$240.00	\$10.00	\$200.00	\$10.00	\$200.00	\$15.00	\$300.00
55	603	Slag	10 C.Y.	\$15.00	\$150.00	\$1.00	\$10.00	\$10.00	\$100.00	\$35.00	\$350.00
56	604	Bank Run Gravel	40 C.Y.	\$15.00	\$600.00	\$10.00	\$400.00	\$8.00	\$320.00	\$25.00	\$1,000.00
57	608	Fence Removal and Reconstruction, Other Types	40 L.F.	\$10.00	\$400.00	\$10.50	\$420.00	\$10.00	\$400.00	\$10.00	\$400.00
58	608	Fence Removal and Reconstruction, Decorative Aluminum	160 L.F.	\$18.00	\$2,880.00	\$22.58	\$3,612.80	\$21.50	\$3,440.00	\$17.00	\$2,720.00
59	609	Engineering Geogrid for Roadways, Type BX 1200	3000 S.Y.	\$5.00	\$15,000.00	\$0.50	\$1,500.00	\$2.00	\$6,000.00	\$4.00	\$12,000.00
60	611	Retaining Wall (Modular Block)	700 S.F.	\$30.00	\$21,000.00	\$28.00	\$19,600.00	\$5.00	\$3,500.00	\$28.00	\$19,600.00
61	614	Maintaining Traffic	1 L.S	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
62	616	Calcium Chloride	3 Tons	\$20.00	\$60.00	\$10.00	\$30.00	\$1.00	\$3.00	\$1.00	\$3.00
63	618	Computer Equipment	1 Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
64	619	Field Office	1 L.S	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
65	621	Center Lines	1650 L.F.	\$0.80	\$1,320.00	\$0.88	\$1,452.00	\$0.84	\$1,386.00	\$1.00	\$1,650.00
66	621	Channelizing Lines	200 L.F.	\$1.00	\$200.00	\$1.05	\$210.00	\$1.00	\$200.00	\$1.00	\$200.00
67	621	Lane Arrow	2 EACH	\$75.00	\$150.00	\$53.00	\$106.00	\$50.00	\$100.00	\$100.00	\$200.00
68	621	Word "Only" on Pavement	2 EACH	\$75.00	\$150.00	\$68.00	\$136.00	\$65.00	\$130.00	\$100.00	\$200.00
69	621	Stop Lines	100 L.F.	\$3.00	\$300.00	\$4.62	\$462.00	\$4.40	\$440.00	\$5.00	\$500.00
70	621	Crosswalk Lines	250 L.F.	\$2.00	\$500.00	\$2.10	\$525.00	\$2.00	\$500.00	\$3.00	\$750.00
71	622	Monument Box Assembly (Casting Supplied by the City)	10 EACH	\$150.00	\$1,500.00	\$100.00	\$1,000.00	\$300.00	\$3,000.00	\$180.00	\$1,800.00
72	623	Construction Layout Stakes	1 L.S	\$8,000.00	\$8,000.00	\$11,500.00	\$11,500.00	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00
73	624	Mobilization	1 L.S	\$8,000.00	\$8,000.00	\$11,000.00	\$11,000.00	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00
74	625	Trenching and Backfill, including Pavement Restoration (Market Street Crossing) As Per Plan	85 L.F.	\$25.00	\$2,125.00	\$38.00	\$3,230.00	\$60.00	\$5,100.00	\$45.00	\$3,825.00
75	625	Trenching and Backfill (Adams Street Crossing) As Per Plan	120 L.F.	\$8.00	\$960.00	\$36.00	\$4,320.00	\$15.00	\$1,800.00	\$45.00	\$5,400.00
76	625	2" Schedule 40 PVC Conduit (Lighting)	205 L.F.	\$8.00	\$1,640.00	\$2.63	\$539.15	\$2.50	\$512.50	\$5.00	\$1,025.00
77	625	Ground Rod, As Per Plan	3 EACH	\$105.00	\$315.00	\$121.00	\$363.00	\$115.00	\$345.00	\$150.00	\$450.00

78	625	No. 4 AWG Type USE Copper 600 volt Distribution Cable	410 L.F.	\$2.00	\$820.00	\$2.15	\$881.50	\$2.05	\$840.50	\$2.00	\$820.00
79	625	No. 10 AWG Type THHN Pole and Bracket Cable	270 L.F.	\$1.25	\$337.50	\$0.89	\$240.30	\$0.85	\$229.50	\$1.00	\$270.00
80	625	4 Unit Mole Connectors	6 EACH	\$60.00	\$360.00	\$102.38	\$614.28	\$97.50	\$585.00	\$75.00	\$450.00
81	625	Fused Wye Connectors	3 EACH	\$40.00	\$120.00	\$63.00	\$189.00	\$60.00	\$180.00	\$80.00	\$240.00
82	625	12' Galvanized Steel Double Bracket Arm	3 EACH	\$700.00	\$2,100.00	\$620.00	\$1,860.00	\$590.00	\$1,770.00	\$500.00	\$1,500.00
83	625	250 Watt HPS Cobra Luminaire	3 EACH	\$225.00	\$675.00	\$257.00	\$771.00	\$245.00	\$735.00	\$400.00	\$1,200.00
84	625	13"x24" CDR Pull Box	3 EACH	\$450.00	\$1,350.00	\$294.00	\$882.00	\$280.00	\$840.00	\$500.00	\$1,500.00
85	630	Traffic Sign - Type A	7 EACH	\$120.00	\$840.00	\$82.00	\$574.00	\$78.00	\$546.00	\$120.00	\$840.00
86	630	Traffic Sign - Type B	2 EACH	\$140.00	\$280.00	\$126.00	\$252.00	\$120.00	\$240.00	\$150.00	\$300.00
87	630	Traffic Sign - Type C	2 EACH	\$160.00	\$320.00	\$168.00	\$336.00	\$160.00	\$320.00	\$200.00	\$400.00
88	630	Traffic Sign Reset on New Post Pullbox, Misc: 17" x 30" Reinforced Polymer Concrete, 20,000 lb. Lid	33 EACH 2 EACH	\$50.00 \$475.00	\$1,650.00 \$950.00	\$68.00 \$383.00	\$2,244.00 \$766.00	\$65.00 \$365.00	\$2,145.00 \$730.00	\$100.00 \$600.00	\$3,300.00 \$1,200.00
89	632	Conduit, 2", 725.05, Not Encased, As Per Plan	80 L.F.	\$6.00	\$480.00	\$2.63	\$210.40	\$2.50	\$200.00	\$5.00	\$400.00
90	632	Conduit, 2", 725.05, Encased, As Per Plan	135 L.F.	\$15.00	\$2,025.00	\$5.78	\$780.30	\$5.50	\$742.50	\$10.00	\$1,350.00
91	632	Conduit, 3", 725.05, Not Encased, As Per Plan	80 L.F.	\$7.00	\$560.00	\$3.78	\$302.40	\$3.60	\$288.00	\$5.00	\$400.00
92	632	Conduit, 3", 725.05, Encased, As Per Plan	135 L.F.	\$15.00	\$2,025.00	\$7.35	\$992.25	\$7.00	\$945.00	\$10.00	\$1,350.00
93	632	Vehicular Signal Head, 3-Section, 300mm Lens 1-Way, Polycarbonate, As Per Plan	8 EACH	\$600.00	\$4,800.00	\$625.00	\$5,000.00	\$595.00	\$4,760.00	\$600.00	\$4,800.00
94	632	Pedestrian Signal Head, Type D2, As Per Plan	4 EACH	\$350.00	\$1,400.00	\$425.00	\$1,700.00	\$405.00	\$1,620.00	\$400.00	\$1,600.00
95	632	Pedestrian Push Button, As Per Plan	4 EACH	\$150.00	\$600.00	\$247.00	\$988.00	\$235.00	\$940.00	\$250.00	\$1,000.00
96	632	Signalization Misc: Microwave Detector, TC-26B, As Per Plan	2 EACH	\$400.00	\$800.00	\$1,102.00	\$2,204.00	\$1,050.00	\$2,100.00	\$800.00	\$1,600.00
97	632	Signal Cable, 7 Conductor, No. 14 AWG, As Per Plan	1200 L.F.	\$1.75	\$2,100.00	\$1.47	\$1,764.00	\$1.40	\$1,680.00	\$3.00	\$3,600.00
98	632	Signal Support Foundation, As Per Plan	3 EACH	\$2,200.00	\$6,600.00	\$1,995.00	\$5,985.00	\$1,900.00	\$5,700.00	\$1,800.00	\$5,400.00
99	632	Signalization Misc: Microwave Detector Lead-In Cable, As Per Plan	300 L.F.	\$1.50	\$450.00	\$1.26	\$378.00	\$1.20	\$360.00	\$1.50	\$450.00
100	632	Power Cable, 2 Conductor, No. 6 AWG, As Per Plan	200 L.F.	\$1.75	\$350.00	\$1.79	\$358.00	\$1.70	\$340.00	\$2.00	\$400.00
101	632	Conduit Riser, 2" Diameter, As Per Plan	1 EACH	\$400.00	\$400.00	\$368.00	\$368.00	\$350.00	\$350.00	\$250.00	\$250.00
102	632	Combination Signal Support, Type TC-81.20, Design 4 Pole, With Mast Arms TC-81.20 Design 3 and Design 3, As Per Plan	1 EACH	\$5,300.00	\$5,300.00	\$8,495.00	\$8,495.00	\$8,090.00	\$8,090.00	\$7,800.00	\$7,800.00
103	632	Combination Signal Support, Type TC-81.20, Design 3, As Per Plan	2 EACH	\$4,500.00	\$9,000.00	\$5,728.00	\$11,456.00	\$5,455.00	\$10,910.00	\$6,000.00	\$12,000.00
104	632	Signalization Misc: Upgrade Controller to Fiber Interconnect, As Per Plan	1 EACH	\$1,000.00	\$1,000.00	\$2,951.00	\$2,951.00	\$2,810.00	\$2,810.00	\$3,000.00	\$3,000.00
105	632	Remove and Reset Existing Controller	1 EACH	\$1,000.00	\$1,000.00	\$956.00	\$956.00	\$910.00	\$910.00	\$800.00	\$800.00
106	632	Removal of Traffic Signal Installation	1 L.S.	\$2,175.00	\$2,175.00	\$1,785.00	\$1,785.00	\$1,700.00	\$1,700.00	\$1,200.00	\$1,200.00
107	632	Concrete for Cabinet Foundation	1 C.Y.	\$700.00	\$700.00	\$1,050.00	\$1,050.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
108	633	Topsoil Furnished and Placed, 4" Thick	2000 S.Y.	\$4.00	\$8,000.00	\$3.15	\$6,300.00	\$4.00	\$8,000.00	\$4.00	\$8,000.00
109	653	Lawn Renovation w/ Seeding and Excelsior Matting	1000 S.Y.	\$4.50	\$4,500.00	\$1.00	\$1,000.00	\$4.75	\$4,750.00	\$3.00	\$3,000.00
110	654	Sodding	600 S.Y.	\$5.50	\$3,300.00	\$10.00	\$6,000.00	\$8.50	\$5,100.00	\$6.00	\$3,600.00
111	660	Lawn Seeding and Mulching	1000 S.Y.	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$2.50	\$2,500.00
112	659										

TOTAL CONSTRUCTION COSTS	\$680,150.00	\$652,757.63	\$656,898.00	\$747,697.77
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+/- ENGINEER'S ESTIMATE		-4.0%	-3.4%	+9.9%
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* Addenda #1 not included in bid book

BID TAB FOR: Adams Street

FILE NO. 2005-001-00

BID DATE: March 29, 2006

CODE: S00236.150236

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Cementech Inc. PRICE	4. Cementech Inc. AMOUNT	5. Lockhart Development Co.l PRICE	5. Lockhart Development Co.l AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	\$31,000.00	\$31,000.00
2	201	Clearing and Grubbing	1	L.S.	\$4,200.00	\$4,200.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
3	202	Inlet Removed	4	EACH	\$200.00	\$800.00	\$300.00	\$1,200.00	\$50.00	\$200.00
4	202	Pipe Abandoned, 12"	50	L.F.	\$3.00	\$150.00	\$8.00	\$400.00	\$5.00	\$250.00
5	202	Hydrant Removed	2	EACH	\$200.00	\$400.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
6	202	Water Main Valves Removed	7	EACH	\$150.00	\$1,050.00	\$200.00	\$1,400.00	\$50.00	\$350.00
7	203	Excavation Including Embankment Construction	2500	C.Y.	\$11.00	\$27,500.00	\$17.00	\$42,500.00	\$5.00	\$12,500.00
8	203	Aggregate Refill Type 1	1000	C.Y.	\$27.00	\$27,000.00	\$32.00	\$32,000.00	\$15.00	\$15,000.00
9	203	Aggregate Refill Type 2	1000	C.Y.	\$27.00	\$27,000.00	\$34.00	\$34,000.00	\$15.00	\$15,000.00
10	252	Trenches for Water Services in Earth	120	C.Y.	\$20.00	\$2,400.00	\$25.00	\$3,000.00	\$5.00	\$600.00
11	254	6" Ductile Iron Pipe (Installation Only)	90	L.F.	\$30.00	\$2,700.00	\$55.00	\$4,950.00	\$20.00	\$1,800.00
12	254	8" Ductile Iron Pipe (Installation Only)	520	L.F.	\$40.00	\$20,800.00	\$55.00	\$28,600.00	\$25.00	\$13,000.00
13	258	6" Gate Valve	5	EACH	\$500.00	\$2,500.00	\$550.00	\$2,750.00	\$500.00	\$2,500.00
14	258	8" Gate Valve	2	EACH	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$700.00	\$1,400.00
15	259	6" Plug	2	EACH	\$250.00	\$500.00	\$300.00	\$600.00	\$65.00	\$130.00
16	259	4" 45 Degree Bend	1	EACH	\$275.00	\$275.00	\$300.00	\$300.00	\$90.00	\$90.00
17	259	6" 45 Degree Bend	6	EACH	\$350.00	\$2,100.00	\$350.00	\$2,100.00	\$110.00	\$660.00
18	259	8" 22 1/2 Degree Bend	2	EACH	\$500.00	\$1,000.00	\$400.00	\$800.00	\$160.00	\$320.00
19	259	8" 45 Degree Bend	5	EACH	\$500.00	\$2,500.00	\$400.00	\$2,000.00	\$160.00	\$800.00
20	259	12" 45 Degree Bend	4	EACH	\$450.00	\$1,800.00	\$500.00	\$2,000.00	\$275.00	\$1,100.00
21	259	6"x4" Reducer	1	EACH	\$375.00	\$375.00	\$400.00	\$400.00	\$70.00	\$70.00
22	259	8"x6" Reducer	2	EACH	\$400.00	\$800.00	\$450.00	\$900.00	\$100.00	\$200.00
23	259	8"x8" Tee	1	EACH	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$225.00	\$225.00
24	259	16"x6" Tee	1	EACH	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$730.00	\$730.00
25	259	8"x6" Cross	1	EACH	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$240.00	\$240.00
26	259	4" Solid Sleeve	1	EACH	\$300.00	\$300.00	\$350.00	\$350.00	\$70.00	\$70.00
27	259	12" Solid Sleeve	1	EACH	\$400.00	\$400.00	\$700.00	\$700.00	\$225.00	\$225.00
28	259	16" Solid Sleeve	1	EACH	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$470.00	\$470.00
29	259	16"x8" Tapping Sleeve and Valve	1	EACH	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
30	260	6" Hydrant	3	EACH	\$1,600.00	\$4,800.00	\$2,400.00	\$7,200.00	\$1,700.00	\$5,100.00

31	265	Water Valve Boxes Adjusted	7 EACH	\$100.00	\$700.00	\$100.00	\$700.00	\$50.00	\$350.00
32	301	8 3/4" Bituminous Aggregate Base	1625 C.Y.	\$90.00	\$146,250.00	\$68.00	\$110,500.00	\$67.00	\$108,875.00
33	404	Asphalt Concrete, 1 1/4" Thick	235 C.Y.	\$105.00	\$24,675.00	\$94.00	\$22,090.00	\$89.00	\$20,915.00
34	404	Asphalt Concrete, 4" Thick Driveway Reconstruction	10 C.Y.	\$120.00	\$1,200.00	\$200.00	\$2,000.00	\$175.00	\$1,750.00
35	407	Tack Coat	675 Gal.	\$1.50	\$1,012.50	\$2.00	\$1,350.00	\$1.60	\$1,080.00
36	410	Drive and Walkway Sealcoat	100 S.Y.	\$2.00	\$200.00	\$8.00	\$800.00	\$5.00	\$500.00
37	455	Concrete Combined Curb & Gutter	3950 L.F.	\$12.00	\$47,400.00	\$12.00	\$47,400.00	\$28.50	\$112,575.00
38	455	Curb, Type 6" x 18"	260 L.F.	\$12.00	\$3,120.00	\$18.00	\$4,680.00	\$23.50	\$6,110.00
39	456	Curb Ramps	30 EACH	\$200.00	\$6,000.00	\$350.00	\$10,500.00	\$100.00	\$3,000.00
40	456	Concrete Walk, 6" Thick	24000 S.F.	\$3.50	\$84,000.00	\$3.80	\$91,200.00	\$4.00	\$96,000.00
41	456	Concrete Aprons	1500 S.F.	\$3.75	\$5,625.00	\$3.80	\$5,700.00	\$4.50	\$6,750.00
42	456	6" Concrete for Driveway Reconstruction	500 S.F.	\$3.75	\$1,875.00	\$3.80	\$1,900.00	\$4.00	\$2,000.00
43	552	12 inch Storm Sewer, Type A	100 L.F.	\$50.00	\$5,000.00	\$55.00	\$5,500.00	\$40.00	\$4,000.00
44	553	12 inch Inlet Connections	320 L.F.	\$50.00	\$16,000.00	\$55.00	\$17,600.00	\$40.00	\$12,800.00
45	556	House Drain Pipe, Complete	42 EACH	\$30.00	\$1,260.00	\$50.00	\$2,100.00	\$20.00	\$840.00
46	556	House Drain Pipe, Type A	60 L.F.	\$2.50	\$150.00	\$20.00	\$1,200.00	\$2.00	\$120.00
47	562	Brick Manhole Adjusted	12 EACH	\$250.00	\$3,000.00	\$250.00	\$3,000.00	\$250.00	\$3,000.00
48	562	Brick Manhole Rebuilt	5 L.F.	\$250.00	\$1,250.00	\$400.00	\$2,000.00	\$200.00	\$1,000.00
49	562	Manhole MH-2A (Slabtop) on Storm Sewer	1 EACH	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
50	563	Inlet, No. 3	1 EACH	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
51	563	Inlet, Double No. 5 (Castings Supplied by the City)	10 EACH	\$1,200.00	\$12,000.00	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00
52	563	Inlet, Modified Double No. 5 (Castings Supplied by the City)	4 EACH	\$1,200.00	\$4,800.00	\$1,500.00	\$6,000.00	\$2,000.00	\$8,000.00
53	564	4" Pipe Underdrains, 707.15	4100 L.F.	\$3.25	\$13,325.00	\$3.00	\$12,300.00	\$4.50	\$18,450.00
54	603	Limestone for Driveway Recostruction, 6" Thick	20 S.Y.	\$12.00	\$240.00	\$10.00	\$200.00	\$10.00	\$200.00
55	603	Slag	10 C.Y.	\$15.00	\$150.00	\$30.00	\$300.00	\$30.00	\$300.00
56	604	Bank Run Gravel	40 C.Y.	\$15.00	\$600.00	\$20.00	\$800.00	\$15.00	\$600.00
57	608	Fence Removal and Reconstruction, Other Types	40 L.F.	\$10.00	\$400.00	\$30.00	\$1,200.00	\$15.00	\$600.00
58	608	Fence Removal and Reconstruction, Decorative							
58	608	Aluminum	160 L.F.	\$18.00	\$2,880.00	\$26.00	\$4,160.00	\$20.00	\$3,200.00
59	609	Engineering Geogrid for Roadways, Type BX 1200	3000 S.Y.	\$5.00	\$15,000.00	\$4.20	\$12,600.00	\$3.50	\$10,500.00
60	611	Retaining Wall (Modular Block)	700 S.F.	\$30.00	\$21,000.00	\$40.00	\$28,000.00	\$9.00	\$6,300.00
61	614	Maintaining Traffic	1 L.S.	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$50,000.00	\$50,000.00
62	616	Calcium Chloride	3 Tons	\$20.00	\$60.00	\$200.00	\$600.00	\$400.00	\$1,200.00
63	618	Computer Equipment	1 Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
64	619	Field Office	1 L.S.	\$7,000.00	\$7,000.00	\$500.00	\$500.00	\$10,000.00	\$10,000.00
65	621	Center Lines	1650 L.F.	\$0.80	\$1,320.00	\$0.50	\$825.00	\$3.00	\$4,950.00
66	621	Channelizing Lines	200 L.F.	\$1.00	\$200.00	\$2.00	\$400.00	\$3.00	\$600.00
67	621	Lane Arrow	2 EACH	\$75.00	\$150.00	\$80.00	\$160.00	\$100.00	\$200.00
68	621	Word "Only" on Pavement	2 EACH	\$75.00	\$150.00	\$120.00	\$240.00	\$100.00	\$200.00
69	621	Stop Lines	100 L.F.	\$3.00	\$300.00	\$9.00	\$900.00	\$5.00	\$500.00
70	621	Crosswalk Lines	250 L.F.	\$2.00	\$500.00	\$6.00	\$1,500.00	\$5.00	\$1,250.00
71	622	Monument Box Assembly (Casting Supplied by the City)	10 EACH	\$150.00	\$1,500.00	\$260.00	\$2,600.00	\$200.00	\$2,000.00
72	623	Construction Layout Stakes	1 L.S.	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$20,000.00	\$20,000.00

73	624	Mobilization	1 L.S	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00
74	625	Trenching and Backfill, including Pavement Restoration (Market Street Crossing) As Per Plan	85 L.F.	\$25.00	\$2,125.00	\$42.00	\$3,570.00	\$32.50	\$2,762.50
75	625	Trenching and Backfill (Adams Street Crossing) As Per Plan	120 L.F.	\$8.00	\$960.00	\$40.00	\$4,800.00	\$26.00	\$3,120.00
76	625	2" Schedule 40 PVC Conduit (Lighting)	205 L.F.	\$8.00	\$1,640.00	\$6.00	\$1,230.00	\$5.25	\$1,076.25
77	625	Ground Rod, As Per Plan	3 EACH	\$105.00	\$315.00	\$125.00	\$375.00	\$190.00	\$570.00
78	625	No. 4 AWG Type USE Copper 600 volt Distribution Cable	410 L.F.	\$2.00	\$820.00	\$2.00	\$820.00	\$2.00	\$820.00
79	625	No. 10 AWG Type THHN Pole and Bracket Cable	270 L.F.	\$1.25	\$337.50	\$1.50	\$405.00	\$0.70	\$189.00
80	625	4 Unit Mole Connectors	6 EACH	\$60.00	\$360.00	\$185.00	\$1,110.00	\$100.00	\$600.00
81	625	Fused Wye Connectors	3 EACH	\$40.00	\$120.00	\$100.00	\$300.00	\$75.00	\$225.00
82	625	12' Galvanized Steel Double Bracket Arm	3 EACH	\$700.00	\$2,100.00	\$1,100.00	\$3,300.00	\$575.00	\$1,725.00
83	625	250 Watt HPS Cobra Luminaire	3 EACH	\$225.00	\$675.00	\$420.00	\$1,260.00	\$275.00	\$825.00
84	625	13"x24" CDR Pull Box	3 EACH	\$450.00	\$1,350.00	\$750.00	\$2,250.00	\$525.00	\$1,575.00
85	630	Traffic Sign - Type A	7 EACH	\$120.00	\$840.00	\$135.00	\$945.00	\$130.00	\$910.00
86	630	Traffic Sign - Type B	2 EACH	\$140.00	\$280.00	\$175.00	\$350.00	\$170.00	\$340.00
87	630	Traffic Sign - Type C	2 EACH	\$160.00	\$320.00	\$260.00	\$520.00	\$245.00	\$490.00
88	630	Traffic Sign Reset on New Post	33 EACH	\$50.00	\$1,650.00	\$110.00	\$3,630.00	\$104.00	\$3,432.00
89	632	Pullbox, Misc: 17" x 30" Reinforced Polymer Concrete, 20,000 lb. Lid	2 EACH	\$475.00	\$950.00	\$700.00	\$1,400.00	\$575.00	\$1,150.00
90	632	Conduit, 2", 725.05, Not Encased, As Per Plan	80 L.F.	\$6.00	\$480.00	\$7.00	\$560.00	\$5.25	\$420.00
91	632	Conduit, 2", 725.05, Encased, As Per Plan	135 L.F.	\$15.00	\$2,025.00	\$17.00	\$2,295.00	\$9.75	\$1,316.25
92	632	Conduit, 3", 725.05, Not Encased, As Per Plan	80 L.F.	\$7.00	\$560.00	\$7.20	\$576.00	\$7.35	\$588.00
93	632	Conduit, 3", 725.05, Encased, As Per Plan	135 L.F.	\$15.00	\$2,025.00	\$17.00	\$2,295.00	\$12.80	\$1,728.00
94	632	Vehicular Signal Head, 3-Section, 300mm Lens 1-Way, Polycarbonate, As Per Plan	8 EACH	\$600.00	\$4,800.00	\$900.00	\$7,200.00	\$800.00	\$6,400.00
95	632	Pedestrian Signal Head, Type D2, As Per Plan	4 EACH	\$350.00	\$1,400.00	\$600.00	\$2,400.00	\$575.00	\$2,300.00
96	632	Pedestrian Push Button, As Per Plan	4 EACH	\$150.00	\$600.00	\$360.00	\$1,440.00	\$240.00	\$960.00
97	632	Signalization Misc: Microwave Detector, TC-26B, As Per Plan	2 EACH	\$400.00	\$800.00	\$1,300.00	\$2,600.00	\$1,130.00	\$2,260.00
98	632	Signal Cable, 7 Conductor, No. 14 AWG, As Per Plan	1200 L.F.	\$1.75	\$2,100.00	\$2.40	\$2,880.00	\$2.00	\$2,400.00
99	632	Signal Support Foundation, As Per Plan	3 EACH	\$2,200.00	\$6,600.00	\$3,300.00	\$9,900.00	\$2,875.00	\$8,625.00
100	632	Signalization Misc: Microwave Detector Lead-In Cable, As Per Plan	300 L.F.	\$1.50	\$450.00	\$2.00	\$600.00	\$1.60	\$480.00
101	632	Power Cable, 2 Conductor, No. 6 AWG, As Per Plan	200 L.F.	\$1.75	\$350.00	\$3.40	\$680.00	\$2.75	\$550.00
102	632	Conduit Riser, 2" Diameter, As Per Plan	1 EACH	\$400.00	\$400.00	\$420.00	\$420.00	\$475.00	\$475.00
103	632	Combination Signal Support, Type TC-81.20, Design 4 Pole, With Mast Arms TC-81.20 Design 3 and Design 3, As Per Plan	1 EACH	\$5,300.00	\$5,300.00	\$11,000.00	\$11,000.00	\$8,590.00	\$8,590.00
104	632	Combination Signal Support, Type TC-81.20, Design 3, As Per Plan	2 EACH	\$4,500.00	\$9,000.00	\$7,200.00	\$14,400.00	\$6,250.00	\$12,500.00
105	632	Signalization Misc: Upgrade Controller to Fiber Interconnect, As Per Plan	1 EACH	\$1,000.00	\$1,000.00	\$4,400.00	\$4,400.00	\$3,755.00	\$3,755.00

106	632	Remove and Reset Existing Controller	1 EACH	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,740.00	\$1,740.00
107	632	Removal of Traffic Signal Installation	1 L.S.	\$2,175.00	\$2,175.00	\$1,800.00	\$1,800.00	\$950.00	\$950.00
108	633	Concrete for Cabinet Foundation	1 C.Y.	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$1,825.00	\$1,825.00
109	653	Topsoil Furnished and Placed, 4" Thick	2000 S.Y.	\$4.00	\$8,000.00	\$3.50	\$7,000.00	\$1.00	\$2,000.00
110	654	Lawn Renovation w/ Seeding and Excelsior Matting	1000 S.Y.	\$4.50	\$4,500.00	\$3.00	\$3,000.00	\$1.20	\$1,200.00
111	660	Sodding	600 S.Y.	\$5.50	\$3,300.00	\$7.00	\$4,200.00	\$4.00	\$2,400.00
112	659	Lawn Seeding and Mulching	1000 S.Y.	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$0.60	\$600.00
TOTAL CONSTRUCTION COSTS					\$680,150.00		\$751,966.00		\$769,117.00
+/- ENGINEER'S ESTIMATE							+10.6%		+13.1%