

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction dba Cioffi		*2. Wingfoot Rental		3. Kenmore Construction Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$34,000.00	\$34,000.00	\$16,000.00	\$16,000.00	\$27,500.00	\$27,500.00	\$10,000.00	\$10,000.00
2	201	Tree Removed, 18 inch	2	EACH	\$200.00	\$400.00	\$350.00	\$700.00	\$500.00	\$1,000.00	\$350.00	\$700.00
3	201	Stump Removed, 18 inch	1	EACH	\$100.00	\$100.00	\$25.00	\$25.00	\$150.00	\$150.00	\$150.00	\$150.00
4	202	Manhole Removed	5	EACH	\$400.00	\$2,000.00	\$200.00	\$1,000.00	\$100.00	\$500.00	\$200.00	\$1,000.00
5	202	Inlet Removed	11	EACH	\$200.00	\$2,200.00	\$50.00	\$550.00	\$150.00	\$1,650.00	\$125.00	\$1,375.00
6	202	Inlet Connection Removed	375	L.F.	\$10.00	\$3,750.00	\$2.00	\$750.00	\$15.00	\$5,625.00	\$10.00	\$3,750.00
7	202	6 inch Water Main Removed	37	L.F.	\$5.00	\$185.00	\$1.00	\$37.00	\$10.00	\$370.00	\$15.00	\$555.00
8	202	6 inch Water Main Abandoned	50	L.F.	\$5.00	\$250.00	\$1.00	\$50.00	\$5.00	\$250.00	\$4.00	\$200.00
9	202	8 inch Water Main Abandoned	261	L.F.	\$6.00	\$1,566.00	\$1.00	\$261.00	\$5.00	\$1,305.00	\$4.00	\$1,044.00
10	202	Water Main Valve Removed	4	EACH	\$100.00	\$400.00	\$1.00	\$4.00	\$50.00	\$200.00	\$150.00	\$600.00
11	202	Hydrant Removed	2	EACH	\$100.00	\$200.00	\$300.00	\$600.00	\$175.00	\$350.00	\$200.00	\$400.00
12	202	12 inch Storm Sewer Removed	35	L.F.	\$8.00	\$280.00	\$1.00	\$35.00	\$10.00	\$350.00	\$10.00	\$350.00
13	202	15 inch Storm Sewer Removed	17	L.F.	\$9.00	\$153.00	\$1.00	\$17.00	\$15.00	\$255.00	\$10.00	\$170.00
14	202	18 inch Storm Sewer Removed	25	L.F.	\$10.00	\$250.00	\$1.00	\$25.00	\$15.00	\$375.00	\$12.00	\$300.00
15	202	24 inch Storm Sewer Removed	22	L.F.	\$12.00	\$264.00	\$1.00	\$22.00	\$20.00	\$440.00	\$15.00	\$330.00
16	202	24 inch Storm Sewer Abandoned	1026	L.F.	\$8.00	\$8,208.00	\$10.00	\$10,260.00	\$10.00	\$10,260.00	\$10.00	\$10,260.00
17	202	36 inch Comb. Sewer Overflow Removed	5	L.F.	\$60.00	\$300.00	\$75.00	\$375.00	\$200.00	\$1,000.00	\$100.00	\$500.00
18	202	Concrete Island Removed	3380	S.F.	\$4.00	\$13,520.00	\$0.50	\$1,690.00	\$0.75	\$2,535.00	\$0.85	\$2,873.00
19	202	Concrete Wall Removed	45	L.F.	\$8.00	\$360.00	\$1.00	\$45.00	\$25.00	\$1,125.00	\$25.00	\$1,125.00
20	203	Excavation Including Embankment Construction	10400	C.Y.	\$15.00	\$156,000.00	\$8.00	\$83,200.00	\$19.00	\$197,600.00	\$18.00	\$187,200.00
21	203	Borrow	100	C.Y.	\$15.00	\$1,500.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
22	203	Proof Rolling	10	HOUR	\$200.00	\$2,000.00	\$1.00	\$10.00	\$100.00	\$1,000.00	\$50.00	\$500.00
23	252	Trenches for Water Services in Earth	630	L.F.	\$6.00	\$3,780.00	\$10.00	\$6,300.00	\$12.00	\$7,560.00	\$12.00	\$7,560.00
24	254	6 inch Ductile Iron Pipe	53	L.F.	\$35.00	\$1,855.00	\$15.00	\$795.00	\$70.00	\$3,710.00	\$55.00	\$2,915.00
25	254	8 inch Ductile Iron Pipe	33	L.F.	\$40.00	\$1,320.00	\$20.00	\$660.00	\$110.00	\$3,630.00	\$100.00	\$3,300.00
26	254	10 inch Ductile Iron Pipe	25	L.F.	\$45.00	\$1,125.00	\$25.00	\$625.00	\$150.00	\$3,750.00	\$100.00	\$2,500.00
27	259	Special Casting, 6" 45° Bend	4	EACH	\$225.00	\$900.00	\$500.00	\$2,000.00	\$125.00	\$500.00	\$150.00	\$600.00
28	259	Special Casting, 6" Valve	1	EACH	\$400.00	\$400.00	\$850.00	\$850.00	\$495.00	\$495.00	\$550.00	\$550.00
29	259	Special Casting, 6" Romac Coupling	1	EACH	\$250.00	\$250.00	\$500.00	\$500.00	\$100.00	\$100.00	\$100.00	\$100.00
30	259	Special Casting, 8" 45° Bend	4	EACH	\$250.00	\$1,000.00	\$350.00	\$1,400.00	\$170.00	\$680.00	\$175.00	\$700.00
31	259	Special Casting, 8" Valve	1	EACH	\$425.00	\$425.00	\$750.00	\$750.00	\$695.00	\$695.00	\$750.00	\$750.00
32	259	Special Casting, 8" Romac Coupling	2	EACH	\$275.00	\$550.00	\$300.00	\$600.00	\$135.00	\$270.00	\$100.00	\$200.00
33	259	Special Casting, 10" 45° Bend	4	EACH	\$275.00	\$1,100.00	\$450.00	\$1,800.00	\$285.00	\$1,140.00	\$250.00	\$1,000.00
34	259	Special Casting, 10" Romac Coupling	2	EACH	\$300.00	\$600.00	\$425.00	\$850.00	\$220.00	\$440.00	\$150.00	\$300.00
35	265	Water Main Valve Boxes Adjusted	31	EACH	\$50.00	\$1,550.00	\$50.00	\$1,550.00	\$50.00	\$1,550.00	\$80.00	\$2,480.00
36	301	8-3/4 inch Bituminous Aggregate Base	3020	C.Y.	\$60.00	\$181,200.00	\$75.00	\$226,500.00	\$60.00	\$181,200.00	\$78.00	\$235,560.00
37	404	Asphalt Concrete, 1-1/4 inches Thickness	435	C.Y.	\$90.00	\$39,150.00	\$101.00	\$43,935.00	\$82.00	\$35,670.00	\$92.00	\$40,020.00
38	404	Asphalt Concrete, 4 inches Thickness (driveway reconstruction)	16	C.Y.	\$100.00	\$1,600.00	\$125.00	\$2,000.00	\$231.00	\$3,696.00	\$125.00	\$2,000.00
39	407	Tack Coat	1245	GAL.	\$1.50	\$1,867.50	\$1.60	\$1,992.00	\$1.40	\$1,743.00	\$1.00	\$1,245.00
40	410	Drive and Walkway Sealcoat	150	S.Y.	\$2.50	\$375.00	\$1.00	\$150.00	\$1.00	\$150.00	\$1.00	\$150.00

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41	455	Combination Curb and Gutter	1685	L.F.	\$13.00	\$21,905.00	\$14.00	\$23,590.00	\$12.00	\$20,220.00	\$16.00	\$26,960.00
42	455	Curb, Type 6"x18"	2905	L.F.	\$12.00	\$34,860.00	\$11.00	\$31,955.00	\$9.50	\$27,597.50	\$13.00	\$37,765.00
43	455	Concrete Header, 12"x18"	30	L.F.	\$18.00	\$540.00	\$35.00	\$1,050.00	\$30.00	\$900.00	\$25.00	\$750.00
44	455	Concrete Header, 18"x18"	56	L.F.	\$25.00	\$1,400.00	\$40.00	\$2,240.00	\$35.00	\$1,960.00	\$35.00	\$1,960.00
45	456	Curb Ramps, Type 1	4	EACH	\$250.00	\$1,000.00	\$200.00	\$800.00	\$300.00	\$1,200.00	\$400.00	\$1,600.00
46	456	Curb Ramps, Type 3	14	EACH	\$275.00	\$3,850.00	\$200.00	\$2,800.00	\$300.00	\$4,200.00	\$450.00	\$6,300.00
47	456	Concrete Walk, 6 inches Thick	28765	S.F.	\$3.25	\$93,486.25	\$3.50	\$100,677.50	\$3.50	\$100,677.50	\$3.85	\$110,745.25
48	456	Concrete Driveway/Apron Reconst. 6 inches Thick	587	S.F.	\$4.00	\$2,348.00	\$3.50	\$2,054.50	\$3.50	\$2,054.50	\$3.50	\$2,054.50
49	461	Brick Pavement, Full Depth	94	S.Y.	\$90.00	\$8,460.00	\$85.00	\$7,990.00	\$95.00	\$8,930.00	\$100.00	\$9,400.00
50	463	Brick Walk, Special	4210	S.F.	\$10.00	\$42,100.00	\$13.00	\$54,730.00	\$15.40	\$64,834.00	\$15.00	\$63,150.00
51	552	12 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	52.0	L.F.	\$50.00	\$2,600.00	\$120.00	\$6,240.00	\$100.00	\$5,200.00	\$130.00	\$6,760.00
52	552	15 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	95.0	L.F.	\$60.00	\$5,700.00	\$54.00	\$5,130.00	\$50.00	\$4,750.00	\$75.00	\$7,125.00
53	552	18 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	251.5	L.F.	\$70.00	\$17,605.00	\$43.00	\$10,814.50	\$63.00	\$15,844.50	\$70.00	\$17,605.00
54	552	27 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	31.6	L.F.	\$90.00	\$2,844.00	\$80.00	\$2,528.00	\$110.00	\$3,476.00	\$120.00	\$3,792.00
55	552	36 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	360.7	L.F.	\$120.00	\$43,284.00	\$128.00	\$46,169.60	\$163.00	\$58,794.10	\$131.00	\$47,251.70
56	552	42 inch Storm Sewer, 706.02 w/ 706.11, Class "B" Bedding	1119.9	L.F.	\$140.00	\$156,786.00	\$101.00	\$113,109.90	\$143.00	\$160,145.70	\$135.00	\$151,186.50
57	552	34"x53" Storm Sewer, 706.04 w/ 706.15, Class HE-IV 12 inch Inlet Connection, 706.02 w/ 706.11 or 706.08 w/ 706.12, Class "B" Bedding	301.6	L.F.	\$140.00	\$42,224.00	\$135.00	\$40,716.00	\$162.00	\$48,859.20	\$140.00	\$42,224.00
58	553	House Drain Pipe, Complete, 711.29	2	EACH	\$25.00	\$50.00	\$1.00	\$2.00	\$25.00	\$50.00	\$1.00	\$2.00
59	556	House Drain Pipe, Type A, 711.29	4	L.F.	\$2.00	\$8.00	\$1.00	\$4.00	\$10.00	\$40.00	\$5.00	\$20.00
60	557	12 inch Sanitary Sewer, 706.03 w/ 706.11	34.5	L.F.	\$50.00	\$1,725.00	\$85.00	\$2,932.50	\$73.50	\$2,535.75	\$85.00	\$2,932.50
61	557	36 inch Sanitary Sewer, 706.03 w/ 706.11	371.5	L.F.	\$75.00	\$27,862.50	\$150.00	\$55,725.00	\$183.00	\$67,984.50	\$140.00	\$52,010.00
62	559	6 inch Pipe Reconnections, 706.08 w/ 706.12, Class "B" Bedding	200	L.F.	\$50.00	\$10,000.00	\$1.00	\$200.00	\$45.00	\$9,000.00	\$25.00	\$5,000.00
63	559	6 inch Pipe Bends, 706.08 w/ 706.12, Class "B" Bedding	10	EACH	\$25.00	\$250.00	\$30.00	\$300.00	\$30.00	\$300.00	\$50.00	\$500.00
64	560	6 inch House Lateral (Determined during Construction)	480	L.F.	\$50.00	\$24,000.00	\$67.00	\$32,160.00	\$48.00	\$23,040.00	\$50.00	\$24,000.00
65	560	8 inch House Lateral (Determined during Construction)	70	L.F.	\$55.00	\$3,850.00	\$70.00	\$4,900.00	\$48.00	\$3,360.00	\$60.00	\$4,200.00
66	562	Sewer Manhole Adjusted	13	EACH	\$200.00	\$2,600.00	\$200.00	\$2,600.00	\$300.00	\$3,900.00	\$125.00	\$1,625.00
67	562	Utility Manhole Adjusted	14	EACH	\$300.00	\$4,200.00	\$325.00	\$4,550.00	\$300.00	\$4,200.00	\$125.00	\$1,750.00
68	562	Brick Manhole Rebuilt	30	L.F.	\$150.00	\$4,500.00	\$150.00	\$4,500.00	\$300.00	\$9,000.00	\$300.00	\$9,000.00

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70	562	Manhole 2C Reconstructed on Storm Sewer (Casting Supplied by the City)	2	EACH	\$2,500.00	\$5,000.00	\$1,800.00	\$3,600.00	\$3,300.00	\$6,600.00	\$4,000.00	\$8,000.00
71	562	Manhole Reconstructed on Comb. Sew.(Casting Supplied by the City)	2	EACH	\$4,500.00	\$9,000.00	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00
72	562	Manhole 2A on Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,100.00	\$2,100.00	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$3,200.00	\$3,200.00
73	562	Manhole 2A Slab Top on Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
74	562	Manhole 2B on Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,500.00	\$2,500.00	\$3,252.00	\$3,252.00	\$2,765.00	\$2,765.00	\$3,800.00	\$3,800.00
75	562	Manhole 2C MH on Storm Sewer (Casting Supplied by the City)	2	EACH	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$3,300.00	\$6,600.00	\$2,600.00	\$5,200.00
76	562	Manhole 2C Drop MH on Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$6,000.00	\$6,000.00	\$4,800.00	\$4,800.00
77	562	Manhole 3A on Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	\$3,370.00	\$3,370.00	\$2,750.00	\$2,750.00
78	562	Manhole 3A Slab Top on Storm Sewer (Casting Supplied by the City)	2	EACH	\$2,300.00	\$4,600.00	\$2,500.00	\$5,000.00	\$2,600.00	\$5,200.00	\$2,500.00	\$5,000.00
79	562	Manhole 5B on Storm Sewer (Casting Supplied by the City)	2	EACH	\$4,500.00	\$9,000.00	\$8,900.00	\$17,800.00	\$6,000.00	\$12,000.00	\$4,500.00	\$9,000.00
80	562	Manhole 5C on Storm Sewer (Casting Supplied by the City)	1	EACH	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
81	562	Manhole 5C Slab Top on Storm Sewer (Casting supplied by the City)	2	EACH	\$5,000.00	\$10,000.00	\$3,200.00	\$6,400.00	\$4,000.00	\$8,000.00	\$3,600.00	\$7,200.00
82	562	Manhole 9 Drop MH on Storm Sewer (Casting Supplied by the City)	1	EACH	\$9,000.00	\$9,000.00	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
83	562	Junction Chamber (Casting Supplied by the City)	1	ALLOW	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
84	563	Inlet, No. 5 (Casting Supplied by the City)	8	EACH	\$1,200.00	\$9,600.00	\$1,200.00	\$9,600.00	\$900.00	\$7,200.00	\$1,200.00	\$9,600.00
85	563	Inlet, Modified No. 5 (Casting Supplied by the City)	6	EACH	\$1,100.00	\$6,600.00	\$1,200.00	\$7,200.00	\$900.00	\$5,400.00	\$1,200.00	\$7,200.00
86	564	4 inch Pipe Underdrains, 707.15	4550	L.F.	\$5.00	\$22,750.00	\$5.00	\$22,750.00	\$3.00	\$13,650.00	\$4.50	\$20,475.00
87	602	Concrete Masonry w/ Epoxy Coated Reinforcing Steel	40	C.Y.	\$200.00	\$8,000.00	\$500.00	\$20,000.00	\$1.00	\$40.00	\$500.00	\$20,000.00
88	603	Limestone for Driveway Reconstruction, 6" Thick	6	S.Y.	\$10.00	\$60.00	\$15.00	\$90.00	\$5.00	\$30.00	\$12.00	\$72.00
89	604	Bank Run Gravel	1800	C.Y.	\$12.00	\$21,600.00	\$1.00	\$1,800.00	\$10.00	\$18,000.00	\$0.01	\$18.00
90	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$50,000.00	\$50,000.00
91	616	Calcium Chloride	14	TONS	\$20.00	\$280.00	\$1.00	\$14.00	\$0.01	\$0.14	\$0.01	\$0.14
92	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
93	619	Field Office	1	L.S.	\$4,500.00	\$4,500.00	\$500.00	\$500.00	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00
94	621	Center lines, double	1365	L.F.	\$1.25	\$1,706.25	\$0.95	\$1,296.75	\$0.84	\$1,146.60	\$1.00	\$1,365.00
95	621	Lane lines, 36 inch	2730	L.F.	\$1.25	\$3,412.50	\$0.41	\$1,119.30	\$0.50	\$1,365.00	\$0.50	\$1,365.00
96	621	Channelizing lines	225	L.F.	\$1.25	\$281.25	\$1.05	\$236.25	\$1.20	\$270.00	\$1.00	\$225.00

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97	621	Stop lines	80	L.F.	\$4.00	\$320.00	\$4.20	\$336.00	\$5.00	\$400.00	\$5.00	\$400.00
98	622	Monument Boxes	11	EACH	\$300.00	\$3,300.00	\$250.00	\$2,750.00	\$300.00	\$3,300.00	\$300.00	\$3,300.00
99	623	Construction Layout Stakes	1	L.S.	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$21,000.00	\$21,000.00	\$10,000.00	\$10,000.00
100	624	Mobilization	1	L.S.	\$40,000.00	\$40,000.00	\$500.00	\$500.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00
Traffic Signals												
101	625	16 inch Galvanized Steel Upsweep Brackets	4	EACH	\$300.00	\$1,200.00	\$1,171.30	\$4,685.20	\$585.00	\$2,340.00	\$250.00	\$1,000.00
102	625	250 Watt HPS Cobra Luminaire	4	EACH	\$500.00	\$2,000.00	\$202.46	\$809.84	\$234.00	\$936.00	\$200.00	\$800.00
103	625	AWG No. 10 Type THWN, Pole & Bracket Arm Wire	400	L.F.	\$0.75	\$300.00	\$0.74	\$296.00	\$0.80	\$320.00	\$1.00	\$400.00
104	625	AWG No. 4 Type Use Copper 600 Volt Distribution Cable	660	L.F.	\$1.00	\$660.00	\$1.27	\$838.20	\$1.75	\$1,155.00	\$1.25	\$825.00
105	625	Fused Connector Kit	4	EACH	\$60.00	\$240.00	\$49.82	\$199.28	\$55.00	\$220.00	\$55.00	\$220.00
106	625	Conduit, 2" PVC Schedule 40	300	L.F.	\$5.00	\$1,500.00	\$2.54	\$762.00	\$2.50	\$750.00	\$5.00	\$1,500.00
107	625	Underground Mole Connectors 4-unit	6	EACH	\$60.00	\$360.00	\$63.60	\$381.60	\$110.00	\$660.00	\$100.00	\$600.00
108	625	2" Conduit Riser	1	EACH	\$500.00	\$500.00	\$433.54	\$433.54	\$350.00	\$350.00	\$350.00	\$350.00
109	625	Pull Box, 24"x18"x12", Polymer Concrete	4	EACH	\$500.00	\$2,000.00	\$574.52	\$2,298.08	\$410.00	\$1,640.00	\$400.00	\$1,600.00
110	625	Conduit, 3" 725.04, as per plan	1470	L.F.	\$10.10	\$14,847.00	\$14.41	\$21,182.70	\$3.90	\$5,733.00	\$4.00	\$5,880.00
111	625	Conduit, 3", Concrete Encased, as per plan	210	L.F.	\$23.90	\$5,019.00	\$8.05	\$1,690.50	\$3.90	\$819.00	\$7.00	\$1,470.00
112	625	Trench, 48" Deep, as per plan	1680	L.F.	\$3.70	\$6,216.00	\$4.34	\$7,291.20	\$6.50	\$10,920.00	\$5.00	\$8,400.00
113	625	Pull box, 725.07, 17"x30", as per plan	10	EACH	\$435.00	\$4,350.00	\$589.36	\$5,893.60	\$500.00	\$5,000.00	\$500.00	\$5,000.00
114	625	Ground Rod, as per plan	5	EACH	\$131.00	\$655.00	\$104.00	\$520.00	\$100.00	\$500.00	\$100.00	\$500.00
115	629	Street Sign Reset	12	EACH	\$50.00	\$600.00	\$111.30	\$1,335.60	\$75.00	\$900.00	\$160.00	\$1,920.00
116	630	Traffic Sign - Type A	15	EACH	\$140.00	\$2,100.00	\$153.70	\$2,305.50	\$195.00	\$2,925.00	\$100.00	\$1,500.00
117	630	Traffic Sign - Type B	11	EACH	\$190.00	\$2,090.00	\$200.34	\$2,203.74	\$195.00	\$2,145.00	\$100.00	\$1,100.00
118	632	Vehicular Signal Head, 3-section, 300mm Lens, 1-Way, Pc	4	EACH	\$454.00	\$1,816.00	\$628.58	\$2,514.32	\$585.00	\$2,340.00	\$500.00	\$2,000.00
119	632	Vehicular Signal Head, 5-section, 300mm Lens, 1-Way, Pc	4	EACH	\$696.00	\$2,784.00	\$936.00	\$3,744.00	\$939.00	\$3,756.00	\$850.00	\$3,400.00
120	632	Signal Cable, 7 conductor, No. 14 AWG, as per plan	1500	L.F.	\$1.93	\$2,895.00	\$1.59	\$2,385.00	\$1.30	\$1,950.00	\$1.00	\$1,500.00
121	632	Signal Support Foundation, as per plan	5	EACH	\$1,644.00	\$8,220.00	\$2,883.20	\$14,416.00	\$1,070.00	\$5,350.00	\$1,500.00	\$7,500.00
122	632	Traffic Video Camera, as per plan	4	EACH	\$4,000.00	\$16,000.00	\$8,140.00	\$32,560.00	\$7,815.00	\$31,260.00	\$6,500.00	\$26,000.00
123	632	Service Cable, 2 Conductor, No. 6 AWG, as per plan	200	L.F.	\$1.77	\$354.00	\$1.69	\$338.00	\$1.50	\$300.00	\$1.00	\$200.00
124	632	Conduit Riser, 2" Diameter, as per plan	1	EACH	\$172.00	\$172.00	\$433.54	\$433.54	\$350.00	\$350.00	\$350.00	\$350.00
125	632	Signal Support, Type TC-81.20 design 3, as per plan	2	EACH	\$3,811.00	\$7,622.00	\$4,350.25	\$8,700.50	\$3,860.00	\$7,720.00	\$3,500.00	\$7,000.00
126	632	Combination Signal Support, Type TC-81.20 design 3, as p	2	EACH	\$6,068.00	\$12,136.00	\$4,877.00	\$9,754.00	\$4,520.00	\$9,040.00	\$4,000.00	\$8,000.00
127	632	Removal of Traffic Signal Installation, as per plan	1	EACH	\$1,275.00	\$1,275.00	\$959.30	\$959.30	\$1,740.00	\$1,740.00	\$1,500.00	\$1,500.00
128	632	Controller unit, Type TS2/A2, with cabinet, Type TS-1, as p	1	EACH	\$10,513.00	\$10,513.00	\$12,378.68	\$12,378.68	\$11,835.00	\$11,835.00	\$9,500.00	\$9,500.00
129	632	Cabinet Foundation	1	EACH	\$1,000.00	\$1,000.00	\$762.14	\$762.14	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
	632	Signalization Misc: Fiber-optic interconnect cable 24 count	2000	L.F.	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$1.00	\$2,000.00
130	632	Removal of Signal Pole and Reerection	1	EACH	\$400.00	\$400.00	\$1,468.00	\$1,468.00	\$675.00	\$675.00	\$900.00	\$900.00
Ohio Edison												
131	625	4" Conduit, PVC, Type DB-120, Encased	15715	L.F.	\$6.00	\$94,290.00	\$6.90	\$108,433.50	\$5.00	\$78,575.00	\$4.50	\$70,717.50
132	625	2" Conduit Riser, as per plan	8	EACH	\$400.00	\$3,200.00	\$433.55	\$3,468.40	\$350.00	\$2,800.00	\$350.00	\$2,800.00
133	625	Manhole, 4' diameter	9	EACH	\$1,750.00	\$15,750.00	\$1,753.25	\$15,779.25	\$1,000.00	\$9,000.00	\$1,800.00	\$16,200.00
134	625	Handhole, 24"x36"x18"	10	EACH	\$350.00	\$3,500.00	\$709.00	\$7,090.00	\$560.00	\$5,600.00	\$600.00	\$6,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction dba Cioffi		*2. Wingfoot Rental		3. Kenmore Construction Co.					
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT				
135	625	Trench	1220	L.F.	\$6.00	\$7,320.00	\$4.45	\$5,429.00	\$10.84	\$13,224.80	\$12.00	\$14,640.00				
136	625	Trench in Paved Areas	540	L.F.	\$10.00	\$5,400.00	\$25.75	\$13,905.00	\$25.00	\$13,500.00	\$24.00	\$12,960.00				
	632	Utility Box	5	EACH	\$1,000.00	\$5,000.00	\$531.00	\$2,655.00	\$800.00	\$4,000.00	\$650.00	\$3,250.00				
138	632	Utility Box Foundation	5	EACH	\$600.00	\$3,000.00	\$366.00	\$1,830.00	\$850.00	\$4,250.00	\$850.00	\$4,250.00				
		SBC														
140	625	4" Conduit, PVC, Type DB-120, Encased (Paved Areas)	560	L.F.	\$6.00	\$3,360.00	\$6.90	\$3,864.00	\$7.00	\$3,920.00	\$7.00	\$3,920.00				
141	625	4" Conduit, PVC, Type DB-120, Not Encased	7700	L.F.	\$3.00	\$23,100.00	\$3.10	\$23,870.00	\$3.00	\$23,100.00	\$3.75	\$28,875.00				
142	625	Pedestal	27	EACH	\$200.00	\$5,400.00	\$200.00	\$5,400.00	\$170.00	\$4,590.00	\$100.00	\$2,700.00				
143	625	7'x7'x6" Concrete Mounting Pad	1	EACH	\$1,000.00	\$1,000.00	\$790.00	\$790.00	\$875.00	\$875.00	\$450.00	\$450.00				
144	625	Trench	3720	L.F.	\$6.00	\$22,320.00	\$3.80	\$14,136.00	\$9.70	\$36,084.00	\$12.00	\$44,640.00				
145	625	Trench in Paved Areas	120	L.F.	\$10.00	\$1,200.00	\$25.75	\$3,090.00	\$25.00	\$3,000.00	\$24.00	\$2,880.00				
		Street Lighting														
146	625	AWG No. 10 Type THWN, Pole & Bracket Arm Wire	2100	L.F.	\$0.75	\$1,575.00	\$0.74	\$1,554.00	\$0.80	\$1,680.00	\$0.40	\$840.00				
147	625	2" Conduit, PVC, Schedule 40, Concrete Encased	3250	L.F.	\$6.00	\$19,500.00	\$5.08	\$16,510.00	\$5.00	\$16,250.00	\$5.50	\$17,875.00				
148	625	AWG No. 4 Type Use Copper 600 Volt Distribution Cable	6500	L.F.	\$1.00	\$6,500.00	\$1.69	\$10,985.00	\$1.75	\$11,375.00	\$1.00	\$6,500.00				
149	625	Trench	3500	L.F.	\$4.00	\$14,000.00	\$3.60	\$12,600.00	\$4.00	\$14,000.00	\$4.00	\$14,000.00				
150	625	30' Round Davit Light Pole	19	EACH	\$2,200.00	\$41,800.00	\$1,281.50	\$24,348.50	\$1,516.00	\$28,804.00	\$1,500.00	\$28,500.00				
151	625	12' Fluted Fiberglass Pole	14	EACH	\$800.00	\$11,200.00	\$895.00	\$12,530.00	\$995.00	\$13,930.00	\$850.00	\$11,900.00				
152	625	250 Watt HPS Cobra Luminaire	19	EACH	\$500.00	\$9,500.00	\$234.25	\$4,450.75	\$234.00	\$4,446.00	\$200.00	\$3,800.00				
153	625	100 Watt HPS Acorn Luminaire	14	EACH	\$400.00	\$5,600.00	\$488.00	\$6,832.00	\$589.00	\$8,246.00	\$350.00	\$4,900.00				
154	625	Light Pole Foundation	19	EACH	\$1,000.00	\$19,000.00	\$885.00	\$16,815.00	\$550.00	\$10,450.00	\$500.00	\$9,500.00				
155	625	Fluted Light Pole Foundation	14	EACH	\$650.00	\$9,100.00	\$707.00	\$9,898.00	\$375.00	\$5,250.00	\$450.00	\$6,300.00				
156	625	Pull Box, 13"x24"x24", Polymer Concrete	15	EACH	\$350.00	\$5,250.00	\$638.00	\$9,570.00	\$495.00	\$7,425.00	\$450.00	\$6,750.00				
157	625	Fused Connector Kit in Pole	33	EACH	\$100.00	\$3,300.00	\$50.00	\$1,650.00	\$55.00	\$1,815.00	\$70.00	\$2,310.00				
158	625	Underground Cable Splices	30	EACH	\$100.00	\$3,000.00	\$78.50	\$2,355.00	\$60.00	\$1,800.00	\$50.00	\$1,500.00				
159	653	Topsoil Furnished & Placed, 4" Thick	800	S.Y.	\$3.00	\$2,400.00	\$3.00	\$2,400.00	\$4.15	\$3,320.00	\$3.00	\$2,400.00				
160	659	Lawn Seeding and Mulching	800	S.Y.	\$3.00	\$2,400.00	\$1.50	\$1,200.00	\$1.05	\$840.00	\$1.50	\$1,200.00				
161	660	Sodding	580	S.Y.	\$6.00	\$3,480.00	\$8.40	\$4,872.00	\$9.00	\$5,220.00	\$7.00	\$4,060.00				
162	662	Planting Shrubs	100	EACH	\$50.00	\$5,000.00	\$69.00	\$6,900.00	\$40.00	\$4,000.00	\$50.00	\$5,000.00				
163	663	Tree Planting w/ Grate, Skyline Honeylocust	30	EACH	\$800.00	\$24,000.00	\$940.00	\$28,200.00	\$880.00	\$26,400.00	\$950.00	\$28,500.00				
164	663	Tree Planting in Lawn Area, Rejoice Crabapple	12	EACH	\$350.00	\$4,200.00	\$240.00	\$2,880.00	\$235.00	\$2,820.00	\$275.00	\$3,300.00				
165	669	Protecting Trees	1	L.S.	\$500.00	\$500.00	\$100.00	\$100.00	\$500.00	\$500.00	\$250.00	\$250.00				
166	SPEC	6' Wrought Iron Fence	65	L.F.	\$65.00	\$4,225.00	\$150.00	\$9,750.00	\$210.00	\$13,650.00	\$200.00	\$13,000.00				
TOTAL CONSTRUCTION COSTS								\$1,813,575.25		\$1,726,706.26		\$1,876,300.79		\$1,904,033.09		
+/- ENGINEER'S ESTIMATE												-4.8%		+3.5%		+5.0%

* Ref #161 - change neither initialed nor dated