

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.1	Contract Performance Bond	1	L.S.	\$40,000.00	\$40,000.00	\$46,000.00	\$46,000.00	\$50,000.00	\$50,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$28,600.00	\$28,600.00	\$1,000.00	\$1,000.00
3	201	Trees Removed, 18"	18	EACH	\$250.00	\$4,500.00	\$50.00	\$900.00	\$100.00	\$1,800.00
4	202	Structures Removed (Seiberling Street Bridge)	1	L.S.	\$50,000.00	\$50,000.00	\$110,095.00	\$110,095.00	\$35,000.00	\$35,000.00
5	202	Pipe Removed, 12 inch	760	L.F.	\$15.00	\$11,400.00	\$9.00	\$6,840.00	\$12.00	\$9,120.00
6	202	Pipe Removed, 24 inch	2031	L.F.	\$18.00	\$36,558.00	\$12.00	\$24,372.00	\$15.00	\$30,465.00
7	202	Pipe Abandoned, 8 inch	1350	L.F.	\$15.00	\$20,250.00	\$5.00	\$6,750.00	\$2.00	\$2,700.00
8	202	Pipe Abandoned, 12 inch	325	L.F.	\$18.00	\$5,850.00	\$1.00	\$325.00	\$2.00	\$650.00
9	202	Pipe Abandoned, 24 inch	1275	L.F.	\$24.00	\$30,600.00	\$35.00	\$44,625.00	\$20.00	\$25,500.00
10	202	Curb Removed	7016	L.F.	\$3.00	\$21,048.00	\$0.75	\$5,262.00	\$1.00	\$7,016.00
11	202	Pavement Removed	13470	S.Y.	\$6.00	\$80,820.00	\$4.74	\$63,847.80	\$7.00	\$94,290.00
12	202	Wearing Course Removed	830	S.Y.	\$4.00	\$3,320.00	\$2.00	\$1,660.00	\$8.00	\$6,640.00
13	202	Buildings Removed	1	L.S.	\$25,000.00	\$25,000.00	\$1.00	\$1.00	\$1.00	\$1.00
14	202	Railroad Tracks/Foundations Removed	2000	L.F.	\$25.00	\$50,000.00	\$0.10	\$200.00	\$0.01	\$20.00
15	202	Vault Removed	3	EACH	\$2,000.00	\$6,000.00	\$965.00	\$2,895.00	\$1,200.00	\$3,600.00
16	202	Guardrail Removed	25	L.F.	\$15.00	\$375.00	\$5.00	\$125.00	\$5.00	\$125.00
17	202	Manhole Removed	12	EACH	\$650.00	\$7,800.00	\$300.00	\$3,600.00	\$500.00	\$6,000.00
18	202	Catch Basin or Inlet Removed	20	EACH	\$400.00	\$8,000.00	\$50.00	\$1,000.00	\$200.00	\$4,000.00
19	202	Water Mains Removed	878	L.F.	\$15.00	\$13,170.00	\$12.50	\$10,975.00	\$15.00	\$13,170.00
20	202	Fence Removed	1143	L.F.	\$2.00	\$2,286.00	\$2.76	\$3,154.68	\$4.00	\$4,572.00
21	203	Excavation Including Embankment Construction	8957	C.Y.	\$8.00	\$71,656.00	\$9.24	\$82,762.68	\$8.00	\$71,656.00
22	203	Excavation Including Embankment Construction - Mass Grading, As Per Plan	1	L.S.	\$14,000.00	\$14,000.00	\$42,000.00	\$42,000.00	\$20,000.00	\$20,000.00
23	203	Embankment	680	C.Y.	\$6.00	\$4,080.00	\$6.76	\$4,596.80	\$12.00	\$8,160.00
24	203	Subgrade Compaction	15262	S.Y.	\$2.00	\$30,524.00	\$1.50	\$22,893.00	\$0.85	\$12,972.70
25	203	Proof Rolling	8	HOUR	\$125.00	\$1,000.00	\$150.00	\$1,200.00	\$125.00	\$1,000.00
26	203	Aggregate Refill, Type 2, As Directed	5600	C.Y.	\$45.00	\$252,000.00	\$0.10	\$560.00	\$26.00	\$145,600.00
27	252	Trenches for Copper Water Services in Earth	25	L.F.	\$25.00	\$625.00	\$65.00	\$1,625.00	\$50.00	\$1,250.00
28	254	6 inch Ductile Iron Pipe	31	L.F.	\$65.00	\$2,015.00	\$155.00	\$4,805.00	\$80.00	\$2,480.00
29	254	8 inch Ductile Iron Pipe	635	L.F.	\$80.00	\$50,800.00	\$78.00	\$49,530.00	\$120.00	\$76,200.00
30	254	12 inch Ductile Iron Pipe	777	L.F.	\$90.00	\$69,930.00	\$82.00	\$63,714.00	\$125.00	\$97,125.00
31	254	16 inch Ductile Iron Pipe	4	L.F.	\$110.00	\$440.00	\$1.00	\$4.00	\$1,000.00	\$4,000.00
32	258	6 inch Gate Valve	1	EACH	\$875.00	\$875.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00
33	258	8 inch Gate Valve	9	EACH	\$900.00	\$8,100.00	\$1,180.00	\$10,620.00	\$1,000.00	\$9,000.00
34	258	12 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$2,010.00	\$4,020.00	\$2,100.00	\$4,200.00
35	259	8" Casting, Special	28	EACH	\$400.00	\$11,200.00	\$255.00	\$7,140.00	\$200.00	\$5,600.00
36	259	12" Casting, Special	23	EACH	\$450.00	\$10,350.00	\$615.00	\$14,145.00	\$500.00	\$11,500.00
37	259	16" Casting, Special	3	EACH	\$600.00	\$1,800.00	\$800.00	\$2,400.00	\$700.00	\$2,100.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
38	260	Fire Hydrants	11	EACH	\$3,000.00	\$33,000.00	\$2,570.00	\$28,270.00	\$3,000.00	\$33,000.00
39	263	Tying Into Existing 6 inch Main	1	EACH	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$800.00	\$800.00
40	263	Tying Into Existing 12 inch Main	10	EACH	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00	\$800.00	\$8,000.00
41	263	Tying Into Existing 16 inch Main	4	EACH	\$1,800.00	\$7,200.00	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00
42	265	Water Main Valve Boxes Adjusted	13	EACH	\$75.00	\$975.00	\$50.00	\$650.00	\$150.00	\$1,950.00
43	301	6 inch Bituminous Aggregate Base	2519	C.Y.	\$90.00	\$226,710.00	\$109.00	\$274,571.00	\$100.00	\$251,900.00
44	304	Aggregate Base	2637	C.Y.	\$40.00	\$105,480.00	\$23.30	\$61,442.10	\$34.00	\$89,658.00
45	407	Tack Coat	1214	GAL.	\$1.50	\$1,821.00	\$2.00	\$2,428.00	\$3.00	\$3,642.00
46	410	Drive and Walkway Sealcoat	347	S.Y.	\$2.00	\$694.00	\$8.00	\$2,776.00	\$3.00	\$1,041.00
47	446	Asphalt Concrete Intermediate Course, Type 2	1330	C.Y.	\$120.00	\$159,600.00	\$131.00	\$174,230.00	\$120.00	\$159,600.00
48	446	Asphalt Concrete Surface Course, Type 1	566	C.Y.	\$140.00	\$79,240.00	\$156.00	\$88,296.00	\$155.00	\$87,730.00
49	455	Curb, Type 6" X 18"	1335	L.F.	\$15.00	\$20,025.00	\$12.50	\$16,687.50	\$12.00	\$16,020.00
50	455	Combination Curb and Gutter	6281	L.F.	\$18.00	\$113,058.00	\$14.50	\$91,074.50	\$16.00	\$100,496.00
51	456	Concrete Walk, 6 inches Thick	28761	S.F.	\$5.50	\$158,185.50	\$3.15	\$90,597.15	\$4.65	\$133,738.65
52	456	Curb Ramps	8	EACH	\$400.00	\$3,200.00	\$325.00	\$2,600.00	\$350.00	\$2,800.00
53	456	Concrete Aprons, 7 inches Thick	1416	S.F.	\$9.00	\$12,744.00	\$6.00	\$8,496.00	\$9.00	\$12,744.00
54	457	Concrete Traffic Island	45	S.Y.	\$150.00	\$6,750.00	\$52.00	\$2,340.00	\$80.00	\$3,600.00
55	551	Sewer Status Verification	4	EACH	\$2,500.00	\$10,000.00	\$1,300.00	\$5,200.00	\$500.00	\$2,000.00
56	552	12 inch Storm Sewer, Type A, 706.02, Class B Bedding	75	L.F.	\$45.00	\$3,375.00	\$44.50	\$3,337.50	\$60.00	\$4,500.00
57	552	15 inch Storm Sewer, Type A, 706.02, Class B Bedding	849	L.F.	\$52.00	\$44,148.00	\$44.65	\$37,907.85	\$60.00	\$50,940.00
58	552	18 inch Storm Sewer, Type A, 706.02, Class B Bedding	172	L.F.	\$60.00	\$10,320.00	\$76.40	\$13,140.80	\$75.00	\$12,900.00
59	552	24 inch Storm Sewer, Type A, 706.02, Class B Bedding	739	L.F.	\$70.00	\$51,730.00	\$71.05	\$52,505.95	\$80.00	\$59,120.00
60	552	30 inch Storm Sewer, Type A, 706.02, Class B Bedding	260	L.F.	\$90.00	\$23,400.00	\$114.15	\$29,679.00	\$120.00	\$31,200.00
61	552	48 inch Storm Sewer, Type A, 706.02, Class B Bedding	58	L.F.	\$175.00	\$10,150.00	\$178.60	\$10,358.80	\$275.00	\$15,950.00
62	552	66 inch Storm Sewer, Type A, 706.02, Class B Bedding	420	L.F.	\$300.00	\$126,000.00	\$318.00	\$133,560.00	\$350.00	\$147,000.00
63	552	78 inch Storm Sewer, Type A, 706.02, Class B Bedding	817	L.F.	\$375.00	\$306,375.00	\$506.00	\$413,402.00	\$480.00	\$392,160.00
64	552	78 inch Storm Sewer, Type B, 706.02, Class B Bedding	62	L.F.	\$325.00	\$20,150.00	\$506.00	\$31,372.00	\$450.00	\$27,900.00
65	552	43" X 68" Storm Sewer, Type A, 706.04 , Class HE-III minimum, Class B Bedding	519	L.F.	\$250.00	\$129,750.00	\$50.00	\$25,950.00	\$200.00	\$103,800.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
66	553	12 inch Inlet Connection, RCP, Class "B" Bedding	356	L.F.	\$45.00	\$16,020.00	\$41.00	\$14,596.00	\$60.00	\$21,360.00
67	553	12 inch Inlet Connection, RCP, Class "B" Bedding, As Per Plan	30	L.F.	\$35.00	\$1,050.00	\$40.00	\$1,200.00	\$60.00	\$1,800.00
68	553	15 inch Inlet Connection, RCP, Class "B" Bedding	295	L.F.	\$52.00	\$15,340.00	\$48.00	\$14,160.00	\$64.00	\$18,880.00
69	559	6 Inch Pipe Reconnections, Class B Bedding, AS Per Plan	100	L.F.	\$35.00	\$3,500.00	\$1.00	\$100.00	\$15.00	\$1,500.00
70	562	Manhole MH-2A on Storm Sewer	6	EACH	\$1,700.00	\$10,200.00	\$1,635.00	\$9,810.00	\$2,000.00	\$12,000.00
71	562	Manhole MH-2B on Storm Sewer	5	EACH	\$2,200.00	\$11,000.00	\$2,270.00	\$11,350.00	\$4,000.00	\$20,000.00
72	562	Manhole MH-2C on Storm Sewer	1	EACH	\$3,200.00	\$3,200.00	\$3,040.00	\$3,040.00	\$5,000.00	\$5,000.00
73	562	Manhole MH-3B on Storm Sewer	1	EACH	\$2,000.00	\$2,000.00	\$1.00	\$1.00	\$6,000.00	\$6,000.00
74	562	Manhole MH-5B on Storm Sewer	1	EACH	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	\$7,000.00	\$7,000.00
75	562	Manhole MH-5C on Storm Sewer	9	EACH	\$15,000.00	\$135,000.00	\$13,787.55	\$124,087.95	\$9,000.00	\$81,000.00
76	562	Manhole Adjusted by Adding Adjustment Ring	12	EACH	\$450.00	\$5,400.00	\$300.00	\$3,600.00	\$350.00	\$4,200.00
77	563	Inlet, No. 5	16	EACH	\$1,500.00	\$24,000.00	\$1,235.00	\$19,760.00	\$1,000.00	\$16,000.00
78	563	Inlet, Double No. 5	10	EACH	\$1,900.00	\$19,000.00	\$1,475.00	\$14,750.00	\$2,000.00	\$20,000.00
79	563	Inlet, Modified No. 5	2	EACH	\$1,500.00	\$3,000.00	\$1,235.00	\$2,470.00	\$1,200.00	\$2,400.00
80	563	Inlet Adjusted	1	EACH	\$350.00	\$350.00	\$400.00	\$400.00	\$300.00	\$300.00
81	563	ODOT CB 2-2B	2	EACH	\$1,100.00	\$2,200.00	\$585.00	\$1,170.00	\$800.00	\$1,600.00
82	564	4 inch Pipe Underdrains	7465	L.F.	\$6.00	\$44,790.00	\$5.10	\$38,071.50	\$7.00	\$52,255.00
83	566	Trench Drain	18	L.F.	\$200.00	\$3,600.00	\$215.00	\$3,870.00	\$160.00	\$2,880.00
84	601	Rock Channel Protection, Type A	36	C.Y.	\$45.00	\$1,620.00	\$75.00	\$2,700.00	\$60.00	\$2,160.00
85	602	Concrete Masonry	3	C.Y.	\$350.00	\$1,050.00	\$475.00	\$1,425.00	\$500.00	\$1,500.00
86	602	Concrete Masonry w/Reinforcement	6	C.Y.	\$450.00	\$2,700.00	\$830.00	\$4,980.00	\$1,200.00	\$7,200.00
87	606	Guardrail, Type 5	13	L.F.	\$30.00	\$390.00	\$150.00	\$1,950.00	\$25.00	\$325.00
88	607	Fence, Type CLTTR, 72 Inch with Barbed Wire	1075	L.F.	\$35.00	\$37,625.00	\$28.00	\$30,100.00	\$30.00	\$32,250.00
89	607	Gate, Type CLTTR, 72 Inch with Barbed Wire	4	EACH	\$3,500.00	\$14,000.00	\$3,750.00	\$15,000.00	\$2,300.00	\$9,200.00
90	609	Engineering Geogrid for Roadways, As Directed	14437	S.Y.	\$5.00	\$72,185.00	\$0.10	\$1,443.70	\$3.00	\$43,311.00
91	613	Uniformed Law Enforcement Officer with Patrol Car	60	HOUR	\$60.00	\$3,600.00	\$65.00	\$3,900.00	\$60.00	\$3,600.00
92	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$58,000.00	\$58,000.00	\$40,000.00	\$40,000.00
93	614	ODOT Item 614E12420 Detour Signing	1	L.S.	\$27,000.00	\$27,000.00	\$18,000.00	\$18,000.00	\$9,000.00	\$9,000.00
94	614	ODOT Item 614E20000 Work Zone Lane Line, Class 1	0.45	Mile	\$1,450.00	\$652.50	\$1,200.00	\$540.00	\$1,200.00	\$540.00
95	614	ODOT Item 614E21000 Work Zone Center Line, Class 1	0.64	Mile	\$2,550.00	\$1,632.00	\$5,000.00	\$3,200.00	\$5,000.00	\$3,200.00
96	614	ODOT Item 614E22000 Work Zone Edge Line, Class 1	1.71	Mile	\$2,100.00	\$3,591.00	\$4,500.00	\$7,695.00	\$4,500.00	\$7,695.00
97	614	ODOT Item 614E24000 Work Zone Dotted Line, Class 1	184	FT	\$2.00	\$368.00	\$2.00	\$368.00	\$2.00	\$368.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
98	614	ODOT Item 614E26000 Work Zone Stop Line, Class 1	271	FT	\$4.50	\$1,219.50	\$4.00	\$1,084.00	\$4.00	\$1,084.00
99	615	Temporary Pavement	700	S.Y.	\$60.00	\$42,000.00	\$8.50	\$5,950.00	\$25.00	\$17,500.00
100	615	ODOT Item 615E10000 Roads for Maintaining Traffic	1	L.S.	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
101	616	Water	6	M.GAL	\$25.00	\$150.00	\$150.00	\$900.00	\$10.00	\$60.00
102	617	Low Strength Mortar Backfill	9	C.Y.	\$50.00	\$450.00	\$90.00	\$810.00	\$100.00	\$900.00
103	618	Computer Equipment	1	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
104	619	Field Office	1	L.S.	\$15,000.00	\$15,000.00	\$1.00	\$1.00	\$3,500.00	\$3,500.00
105	621	Edge Lines	731	L.F.	\$0.75	\$548.25	\$0.25	\$182.75	\$0.25	\$182.75
106	621	Lane Lines, 4 inch	164	L.F.	\$1.00	\$164.00	\$0.25	\$41.00	\$0.25	\$41.00
107	621	Center Lines	5762	L.F.	\$0.50	\$2,881.00	\$0.25	\$1,440.50	\$0.25	\$1,440.50
108	621	Channelizing Lines	1800	L.F.	\$1.50	\$2,700.00	\$0.55	\$990.00	\$0.55	\$990.00
109	621	Stop Lines	242	L.F.	\$6.00	\$1,452.00	\$2.65	\$641.30	\$2.65	\$641.30
110	621	Crosswalk Lines	712	L.F.	\$3.00	\$2,136.00	\$2.35	\$1,673.20	\$2.35	\$1,673.20
111	621	Broad Transverse Lines	836	L.F.	\$5.00	\$4,180.00	\$2.50	\$2,090.00	\$2.50	\$2,090.00
112	621	Island Marking	188	S.F.	\$2.00	\$376.00	\$2.50	\$470.00	\$2.50	\$470.00
113	621	Lane Arrows	33	EACH	\$110.00	\$3,630.00	\$38.00	\$1,254.00	\$50.00	\$1,650.00
114	621	Removal of Pavement Marking	5340	L.F.	\$0.75	\$4,005.00	\$0.42	\$2,242.80	\$5.00	\$26,700.00
115	622	Monument Boxes	8	EACH	\$650.00	\$5,200.00	\$250.00	\$2,000.00	\$500.00	\$4,000.00
116	623	Construction Layout Stakes	1	L.S.	\$15,000.00	\$15,000.00	\$55,405.00	\$55,405.00	\$50,000.00	\$50,000.00
117	624	Mobilization	1	L.S.	\$100,000.00	\$100,000.00	\$86,560.00	\$86,560.00	\$25,000.00	\$25,000.00
118	625	Light Pole, Conventional, As Per Plan	39	EACH	\$3,000.00	\$117,000.00	\$1,726.00	\$67,314.00	\$1,400.00	\$54,600.00
119	625	Light Pole Foundation, 24"x8' Deep	39	EACH	\$1,200.00	\$46,800.00	\$1,342.00	\$52,338.00	\$1,200.00	\$46,800.00
120	625	Light Pole Anchor 'L' Bolts	39	EACH	\$80.00	\$3,120.00	\$180.00	\$7,020.00	\$170.00	\$6,630.00
121	625	Luminaire, Conventional, 140W, LED, Type II, 240V, As Per Plan	39	EACH	\$1,000.00	\$39,000.00	\$607.35	\$23,686.65	\$500.00	\$19,500.00
122	625	Pull Box, 713.08, 24" Portland Concrete	3	EACH	\$650.00	\$1,950.00	\$666.00	\$1,998.00	\$550.00	\$1,650.00
123	625	Pull Box, 713.08, 18" Portland Concrete	11	EACH	\$650.00	\$7,150.00	\$541.25	\$5,953.75	\$500.00	\$5,500.00
124	625	Bracket Arm, 8'	1	EACH	\$450.00	\$450.00	\$520.25	\$520.25	\$500.00	\$500.00
125	625	Bracket Arm, 10'	1	EACH	\$500.00	\$500.00	\$572.00	\$572.00	\$510.00	\$510.00
126	625	Bracket Arm, 12'	1	EACH	\$500.00	\$500.00	\$629.50	\$629.50	\$580.00	\$580.00
127	625	Bracket Arm, 18'	1	EACH	\$600.00	\$600.00	\$953.95	\$953.95	\$875.00	\$875.00
128	625	Bracket Arm, 20'	1	EACH	\$800.00	\$800.00	\$1,056.30	\$1,056.30	\$900.00	\$900.00
129	625	Ground Rod	50	EACH	\$150.00	\$7,500.00	\$116.00	\$5,800.00	\$100.00	\$5,000.00
130	625	Connection, Fused Pull Apart	69	EACH	\$80.00	\$5,520.00	\$78.60	\$5,423.40	\$70.00	\$4,830.00
131	625	Connection, Unfused Pull Apart	35	EACH	\$80.00	\$2,800.00	\$74.40	\$2,604.00	\$70.00	\$2,450.00
132	625	Trench	132	L.F.	\$7.00	\$924.00	\$5.28	\$696.96	\$10.00	\$1,320.00
133	625	Trench, 24" Deep	1705	L.F.	\$6.00	\$10,230.00	\$4.26	\$7,263.30	\$12.00	\$20,460.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
134	625	Trench for Fiber Optic Cable, As Per Plan	2176	L.F.	\$25.00	\$54,400.00	\$5.20	\$11,315.20	\$7.00	\$15,232.00
135	625	Trench in Paved Area, Type B	757	L.F.	\$30.00	\$22,710.00	\$7.68	\$5,813.76	\$25.00	\$18,925.00
136	625	Plastic Caution Tape	6397	L.F.	\$0.60	\$3,838.20	\$0.20	\$1,279.40	\$0.20	\$1,279.40
137	625	Conduit, 2", 713.07	3212	L.F.	\$5.00	\$16,060.00	\$2.36	\$7,580.32	\$2.00	\$6,424.00
138	625	Conduit, 3", 713.04	422	L.F.	\$13.00	\$5,486.00	\$13.00	\$5,486.00	\$10.00	\$4,220.00
139	625	Conduit, 3", 713.07	2792	L.F.	\$11.00	\$30,712.00	\$3.96	\$11,056.32	\$3.50	\$9,772.00
140	625	Conduit, 4", 713.04	293	L.F.	\$15.00	\$4,395.00	\$17.28	\$5,063.04	\$15.00	\$4,395.00
141	625	No. 4 AWG, 600 Volt Distribution Cable	20865	L.F.	\$3.00	\$62,595.00	\$2.26	\$47,154.90	\$2.00	\$41,730.00
142	625	No. 3 AWG, 600 Volt Distribution Cable	150	L.F.	\$3.10	\$465.00	\$3.41	\$511.50	\$3.10	\$465.00
143	625	No. 10 AWG, Pole and Bracket Cable	1628	L.F.	\$1.00	\$1,628.00	\$1.61	\$2,621.08	\$1.50	\$2,442.00
144	625	Power Service, As Per Plan	1	Lump	\$3,100.00	\$3,100.00	\$3,952.00	\$3,952.00	\$3,200.00	\$3,200.00
145	626	Geotextile Fabric, Type D, As Directed	14437	S.Y.	\$4.00	\$57,748.00	\$0.05	\$721.85	\$1.25	\$18,046.25
146	629	Street Name Sign Assembly	10	EACH	\$100.00	\$1,000.00	\$256.00	\$2,560.00	\$500.00	\$5,000.00
147	630	Ground Mounted Supports, #2 Post, As Per Plan	454	L.F.	\$8.00	\$3,632.00	\$8.85	\$4,017.90	\$8.00	\$3,632.00
148	630	Ground Mounted Supports, #3 Post, As Per Plan	307	L.F.	\$10.00	\$3,070.00	\$9.50	\$2,916.50	\$10.00	\$3,070.00
149	630	Sign Hanger Assembly, Mast Arm	8	EACH	\$175.00	\$1,400.00	\$210.00	\$1,680.00	\$285.00	\$2,280.00
150	630	Signs, Flat Sheet	325	S.F.	\$12.00	\$3,900.00	\$13.75	\$4,468.75	\$15.00	\$4,875.00
151	630	Signs, Flat Sheet, As Per Plan	8	S.F.	\$20.00	\$160.00	\$20.00	\$160.00	\$100.00	\$800.00
152	630	Removal of Ground Mounted Post Support	25	EACH	\$10.00	\$250.00	\$10.00	\$250.00	\$25.00	\$625.00
153	630	Traffic Sign Removed	58	EACH	\$15.00	\$870.00	\$10.00	\$580.00	\$20.00	\$1,160.00
154	632	Vehicular Signal Head, 3-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	15	EACH	\$500.00	\$7,500.00	\$714.75	\$10,721.25	\$675.00	\$10,125.00
155	632	Vehicular Signal Head, 5-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	8	EACH	\$700.00	\$5,600.00	\$1,076.00	\$8,608.00	\$955.00	\$7,640.00
156	632	Pedestrian Signal Head (LED), (Countdown), Type D2	10	EACH	\$640.00	\$6,400.00	\$423.50	\$4,235.00	\$400.00	\$4,000.00
157	632	Pedestrian Pushbutton, As Per Plan	10	EACH	\$300.00	\$3,000.00	\$209.20	\$2,092.00	\$200.00	\$2,000.00
158	632	Pull box, 24"x36"x18" Reinforced Polymer Concrete	18	EACH	\$1,400.00	\$25,200.00	\$819.70	\$14,754.60	\$785.00	\$14,130.00
159	632	Pull box, 30"x48"x18" Reinforced Polymer Concrete	2	EACH	\$1,800.00	\$3,600.00	\$1,211.00	\$2,422.00	\$1,100.00	\$2,200.00
160	632	Signal Support Foundation	8	EACH	\$2,200.00	\$17,600.00	\$1,988.00	\$15,904.00	\$1,750.00	\$14,000.00
161	632	Pedestal Foundation	1	EACH	\$500.00	\$500.00	\$464.00	\$464.00	\$470.00	\$470.00
162	632	Signal Support, Type TC- 81.21, Design 2	2	EACH	\$3,400.00	\$6,800.00	\$4,996.30	\$9,992.60	\$4,100.00	\$8,200.00
163	632	Signal Support, Type TC- 81.21, Design 4	1	EACH	\$3,800.00	\$3,800.00	\$6,985.80	\$6,985.80	\$6,300.00	\$6,300.00
164	632	Signal Support, Type TC- 81.21, Design 12	1	EACH	\$6,000.00	\$6,000.00	\$8,727.80	\$8,727.80	\$7,850.00	\$7,850.00
165	632	Combination Signal Support, Type TC- 81.21, Design 1	1	EACH	\$3,200.00	\$3,200.00	\$4,900.80	\$4,900.80	\$4,500.00	\$4,500.00
166	632	Combination Signal Support, Type TC- 81.21, Design 2	1	EACH	\$3,500.00	\$3,500.00	\$5,302.30	\$5,302.30	\$5,000.00	\$5,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
167	632	Combination Signal Support, Type TC- 81.21, Design 3	1	EACH	\$4,500.00	\$4,500.00	\$5,708.20	\$5,708.20	\$5,100.00	\$5,100.00
168	632	Combination Signal Support, Type TC- 81.21, Design 4	1	EACH	\$6,300.00	\$6,300.00	\$7,254.80	\$7,254.80	\$6,750.00	\$6,750.00
169	632	Combination Signal Support, Type TC- 81.21, Design 11	1	EACH	\$7,300.00	\$7,300.00	\$8,723.40	\$8,723.40	\$7,500.00	\$7,500.00
170	632	Combination Signal Support, Type TC-81.21, Design 4 Pole, With Mast Arms TC-81.21 Design 3 and Design 3	1	EACH	\$8,500.00	\$8,500.00	\$9,318.40	\$9,318.40	\$8,825.00	\$8,825.00
171	632	Pedestal, 8', Transformer Base	2	EACH	\$450.00	\$900.00	\$567.20	\$1,134.40	\$510.00	\$1,020.00
172	632	Signal Cable, 5-Conductor No. 14 AWG	1795	L.F.	\$1.50	\$2,692.50	\$2.04	\$3,661.80	\$1.90	\$3,410.50
173	632	Signal Cable, 7-Conductor No. 14 AWG	2445	L.F.	\$1.75	\$4,278.75	\$2.32	\$5,672.40	\$2.00	\$4,890.00
174	632	Loop Detector Lead-in Cable	1560	L.F.	\$1.50	\$2,340.00	\$1.76	\$2,745.60	\$2.00	\$3,120.00
175	632	Power Service, As Per Plan	3	EACH	\$1,310.00	\$3,930.00	\$1,324.00	\$3,972.00	\$1,000.00	\$3,000.00
176	632	Removal of Traffic Signal Installation	1	EACH	\$1,800.00	\$1,800.00	\$2,340.00	\$2,340.00	\$2,100.00	\$2,100.00
177	632	Signalization, Misc.: Video Detection System, As Per Plan	3	EACH	\$15,000.00	\$45,000.00	\$15,471.00	\$46,413.00	\$13,965.00	\$41,895.00
178	632	Interconnect Cable Misc.: Drop Cable, 6 Fiber	144	L.F.	\$2.00	\$288.00	\$5.56	\$800.64	\$5.20	\$748.80
179	632	Interconnect Misc.: Trunk Cable, 6 Fiber	2784	L.F.	\$3.25	\$9,048.00	\$2.62	\$7,294.08	\$2.40	\$6,681.60
180	632	Interconnect Misc.: Fan-Out Kit, 6 Fiber	3	EACH	\$80.00	\$240.00	\$58.80	\$176.40	\$50.00	\$150.00
181	632	Interconnect Misc.: Fiber Optic Patch Cord, 4 Fiber	3	EACH	\$45.00	\$135.00	\$90.00	\$270.00	\$90.00	\$270.00
182	632	Interconnect Misc.: Fusion Splice	24	EACH	\$150.00	\$3,600.00	\$43.20	\$1,036.80	\$40.00	\$960.00
183	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial)	4	EACH	\$525.00	\$2,100.00	\$648.00	\$2,592.00	\$620.00	\$2,480.00
184	632	Interconnect Misc.: Termination Panel, Controller Cabinet	3	EACH	\$2,500.00	\$7,500.00	\$294.00	\$882.00	\$250.00	\$750.00
185	632	Interconnect Misc.: Fiber Optic Connector	3	EACH	\$500.00	\$1,500.00	\$30.00	\$90.00	\$30.00	\$90.00
186	632	Interconnect Misc.: Slack Installation	250	L.F.	\$2.00	\$500.00	\$2.62	\$655.00	\$2.50	\$625.00
187	632	Interconnect Misc.: Fiber Optic Cable Testing	1	Lump	\$2,500.00	\$2,500.00	\$1,440.00	\$1,440.00	\$1,200.00	\$1,200.00
188	632	Signalization Misc.: Traffic Manhole	1	EACH	\$3,500.00	\$3,500.00	\$1,104.00	\$1,104.00	\$1,000.00	\$1,000.00
189	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan	3	EACH	\$9,000.00	\$27,000.00	\$13,012.80	\$39,038.40	\$11,500.00	\$34,500.00
190	633	Cabinet Foundation	2	EACH	\$850.00	\$1,700.00	\$994.00	\$1,988.00	\$875.00	\$1,750.00
191	633	Controller Work Pad	3	EACH	\$150.00	\$450.00	\$494.00	\$1,482.00	\$460.00	\$1,380.00
192	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan	3	EACH	\$5,000.00	\$15,000.00	\$4,784.00	\$14,352.00	\$4,200.00	\$12,600.00
193	633	Uninterruptible Power Supply (UPS), 1000 Watt	3	EACH	\$4,000.00	\$12,000.00	\$3,364.40	\$10,093.20	\$2,900.00	\$8,700.00
194	633	Controller Misc.: Fiber Optic Ethernet Transceiver, As Per Plan	3	EACH	\$250.00	\$750.00	\$2,452.00	\$7,356.00	\$2,200.00	\$6,600.00
195	633	Controller Misc.: Central System Expansion, As Per Plan	1	Lump	\$5,000.00	\$5,000.00	\$1,508.00	\$1,508.00	\$1,400.00	\$1,400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.		*2. Kenmore Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
196	633	Signalization Miscellaneous Equipment, As Per Plan	1	Lump	\$15,000.00	\$15,000.00	\$16,336.00	\$16,336.00	\$14,300.00	\$14,300.00
197	653	Topsoil Furnished & Placed, 4" Thick	9240	S.Y.	\$3.50	\$32,340.00	\$3.20	\$29,568.00	\$2.75	\$25,410.00
198	659	Lawn Seeding and Mulching	7285	S.Y.	\$0.50	\$3,642.50	\$1.11	\$8,086.35	\$1.50	\$10,927.50
199	659	Restoration Corridor Seeding and Mulching, As Per Plan	1955	S.Y.	\$0.65	\$1,270.75	\$1.85	\$3,616.75	\$1.85	\$3,616.75
200	662	Planting Shrubs, 3 Gallon, As Per Plan	175	EACH	\$30.00	\$5,250.00	\$33.80	\$5,915.00	\$30.00	\$5,250.00
201	663	Tree Planting, 1 Inch - 1.25 Inch Caliper, As Per Plan	20	EACH	\$275.00	\$5,500.00	\$177.29	\$3,545.80	\$155.00	\$3,100.00
202	663	Tree Planting, 1.5 Inch - 2 Inch Caliper, As Per Plan	65	EACH	\$250.00	\$16,250.00	\$262.41	\$17,056.65	\$240.00	\$15,600.00
203	664	Planting Salvaged Plants, As Per Plan	1	L.S.	\$10,000.00	\$10,000.00	\$12,714.59	\$12,714.59	\$7,500.00	\$7,500.00
204	832	ODOT Item 832 - Erosion Control	65000	EACH	\$1.00	\$65,000.00	\$1.00	\$65,000.00	\$1.00	\$65,000.00
205	832	ODOT Item 832 - Storm Water Pollution Prevention Plan	1	LUMP	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00
206		Special 8 Inch Sanitary Sewer Cured in Place Pipe	919	L.F.	\$34.00	\$31,246.00	\$30.00	\$27,570.00	\$32.00	\$29,408.00
207		Special 10 Inch Sanitary Sewer Cured in Place Pipe	495	L.F.	\$36.00	\$17,820.00	\$35.00	\$17,325.00	\$38.00	\$18,810.00
208		Special 12 Inch Sanitary Sewer Cured in Place Pipe	665	L.F.	\$40.00	\$26,600.00	\$38.00	\$25,270.00	\$40.00	\$26,600.00
209		Special Private Water Vault Relocated	1	L.S.	\$40,000.00	\$40,000.00	\$18,150.00	\$18,150.00	\$23,000.00	\$23,000.00
210		Special Decorative Concrete Walk, 6" Thick (Brick Red Color)	9678	S.F.	\$9.50	\$91,941.00	\$11.25	\$108,877.50	\$9.50	\$91,941.00
211		Special Environmental Remediation	1	Allow	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
212		Special Work Involving Regulated Water	1	Allow	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
<u>ALTERNATE #1-16</u>										
1	621	Edge Lines - Alternate Bid Reference #1, if awarded, will replace Base Bid Reference #105	731	L.F.	\$2.00	\$1,462.00	\$4.25	\$3,106.75	\$1.05	\$767.55
2	621	Lane Lines, 4 inch - Alternate Bid Reference #2, if awarded, will replace Base Bid Reference #106	164	L.F.	\$2.25	\$369.00	\$2.50	\$410.00	\$1.05	\$172.20
3	621	Center Lines - Alternate Bid Reference #3, if awarded, will replace Base Bid Reference #107	5762	L.F.	\$1.25	\$7,202.50	\$8.50	\$48,977.00	\$1.10	\$6,338.20
4	621	Channelizing Lines - Alternate Bid Reference #4, if awarded, will replace Base Bid Reference #108	1800	L.F.	\$3.50	\$6,300.00	\$10.00	\$18,000.00	\$1.20	\$2,160.00
5	621	Stop Lines - Alternate Bid Reference #5, if awarded, will replace Base Bid Reference #109	242	L.F.	\$14.00	\$3,388.00	\$18.50	\$4,477.00	\$3.50	\$847.00
6	621	Crosswalk Lines - Alternate Bid Reference #6, if awarded, will replace Base Bid Reference #110	712	L.F.	\$7.00	\$4,984.00	\$15.00	\$10,680.00	\$3.00	\$2,136.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE UNIT	PRICE	AMOUNT	1. H.M. Miller Construction Co. PRICE	AMOUNT	*2. Kenmore Construction Co. PRICE	AMOUNT
7	621	Broad Transverse Lines - Alternate Bid Reference #7, if awarded, will replace Base Bid Reference #111	836	L.F.	\$11.00	\$9,196.00	\$18.50	\$15,466.00	\$2.85	\$2,382.60
8	621	Island Marking - Alternate Bid Reference #8, if awarded, will replace Base Bid Reference #112	188	S.F.	\$5.00	\$940.00	\$20.00	\$3,760.00	\$2.60	\$488.80
9	621	Lane Arrows - Alternate Bid Reference #9, if awarded, will replace Base Bid Reference #113	33	EACH	\$250.00	\$8,250.00	\$250.00	\$8,250.00	\$75.00	\$2,475.00
10	632	Power Service, As Per Plan - Alternate Bid Reference #10, if awarded, will replace Base Bid Reference #175	3	EACH	\$1,975.00	\$5,925.00	\$1,240.00	\$3,720.00	\$1,240.00	\$3,720.00
11	632	Signalization, Misc.: Video Detection System, As Per Plan - Alternate Bid Reference #11, if awarded, will replace Base Bid Reference #177	3	EACH	\$22,500.00	\$67,500.00	\$15,322.40	\$45,967.20	\$15,500.00	\$46,500.00
12	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial) - Alternate Bid Reference #12, if awarded, will replace Base Bid Reference #183	4	EACH	\$800.00	\$3,200.00	\$276.00	\$1,104.00	\$300.00	\$1,200.00
13	632	Interconnect Misc.: Termination Panel, Controller Cabinet - Alternate Bid Reference #13, if awarded, will replace Base Bid Reference #184	3	EACH	\$3,750.00	\$11,250.00	\$270.00	\$810.00	\$300.00	\$900.00
14	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan - Alternate Bid Reference #14, if awarded, will replace Base Bid Reference #189	3	EACH	\$9,500.00	\$28,500.00	\$13,361.28	\$40,083.84	\$13,800.00	\$41,400.00
15	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan - Alternate Bid Reference #15, if awarded, will replace Base Bid Reference #192	3	EACH	\$7,500.00	\$22,500.00	\$4,784.00	\$14,352.00	\$4,900.00	\$14,700.00
16	633	Uninterruptible Power Supply (UPS), 1000 Watt - Alternate Bid Reference #16, if awarded, will replace Base Bid Reference #193	3	EACH	\$6,000.00	\$18,000.00	\$6,140.80	\$18,422.40	\$6,400.00	\$19,200.00
TOTAL CONSTRUCTION COSTS						\$4,613,183.45		\$3,945,551.70		\$4,132,700.90
+/- ENGINEER'S ESTIMATE								-14.5%		-10.4%
ALTERNATE #1-16										
TOTAL CONSTRUCTION COSTS						\$198,966.50		\$237,586.19		\$145,387.35
+/- ENGINEER'S ESTIMATE								+19.4%		-26.9%

* Ref. #91 correction was not dated or initialed.

** Ref. #139 - total is incorrect. Ref. #139 & Alt. Ref. #4 - corrections were not dated or initialed. Second EEO Form needs to be an original.

*** Ref. #113 total is incorrect.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.1	Contract Performance Bond	1	L.S.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$42,000.00	\$42,000.00	\$152,400.00	\$152,400.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$9,440.00	\$9,440.00
3	201	Trees Removed, 18"	18	EACH	\$250.00	\$4,500.00	\$145.00	\$2,610.00	\$250.00	\$4,500.00	\$550.00	\$9,900.00
4	202	Structures Removed (Seiberling Street Bridge)	1	L.S.	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$150,000.00	\$150,000.00
5	202	Pipe Removed, 12 inch	760	L.F.	\$15.00	\$11,400.00	\$11.15	\$8,474.00	\$20.00	\$15,200.00	\$5.00	\$3,800.00
6	202	Pipe Removed, 24 inch	2031	L.F.	\$18.00	\$36,558.00	\$12.50	\$25,387.50	\$25.00	\$50,775.00	\$15.00	\$30,465.00
7	202	Pipe Abandoned, 8 inch	1350	L.F.	\$15.00	\$20,250.00	\$7.25	\$9,787.50	\$3.20	\$4,320.00	\$11.00	\$14,850.00
8	202	Pipe Abandoned, 12 inch	325	L.F.	\$18.00	\$5,850.00	\$11.50	\$3,737.50	\$8.65	\$2,811.25	\$13.00	\$4,225.00
9	202	Pipe Abandoned, 24 inch	1275	L.F.	\$24.00	\$30,600.00	\$19.80	\$25,245.00	\$124.00	\$158,100.00	\$15.00	\$19,125.00
10	202	Curb Removed	7016	L.F.	\$3.00	\$21,048.00	\$4.80	\$33,676.80	\$1.00	\$7,016.00	\$1.00	\$7,016.00
11	202	Pavement Removed	13470	S.Y.	\$6.00	\$80,820.00	\$9.25	\$124,597.50	\$7.25	\$97,657.50	\$7.00	\$94,290.00
12	202	Wearing Course Removed	830	S.Y.	\$4.00	\$3,320.00	\$7.15	\$5,934.50	\$7.00	\$5,810.00	\$6.55	\$5,436.50
13	202	Buildings Removed	1	L.S.	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
14	202	Railroad Tracks/Foundations Removed	2000	L.F.	\$25.00	\$50,000.00	\$9.20	\$18,400.00	\$4.45	\$8,900.00	\$15.00	\$30,000.00
15	202	Vault Removed	3	EACH	\$2,000.00	\$6,000.00	\$1,000.00	\$3,000.00	\$3,200.00	\$9,600.00	\$3,509.00	\$10,527.00
16	202	Guardrail Removed	25	L.F.	\$15.00	\$375.00	\$13.45	\$336.25	\$5.00	\$125.00	\$25.00	\$625.00
17	202	Manhole Removed	12	EACH	\$650.00	\$7,800.00	\$340.00	\$4,080.00	\$850.00	\$10,200.00	\$415.00	\$4,980.00
18	202	Catch Basin or Inlet Removed	20	EACH	\$400.00	\$8,000.00	\$170.00	\$3,400.00	\$250.00	\$5,000.00	\$200.00	\$4,000.00
19	202	Water Mains Removed	878	L.F.	\$15.00	\$13,170.00	\$11.15	\$9,789.70	\$23.00	\$20,194.00	\$10.00	\$8,780.00
20	202	Fence Removed	1143	L.F.	\$2.00	\$2,286.00	\$5.70	\$6,515.10	\$2.00	\$2,286.00	\$4.00	\$4,572.00
21	203	Excavation Including Embankment Construction	8957	C.Y.	\$8.00	\$71,656.00	\$7.00	\$62,699.00	\$8.00	\$71,656.00	\$18.00	\$161,226.00
22	203	Excavation Including Embankment Construction - Mass										
	203	Grading, As Per Plan	1	L.S.	\$14,000.00	\$14,000.00	\$13,500.00	\$13,500.00	\$50,500.00	\$50,500.00	\$60,000.00	\$60,000.00
23	203	Embankment	680	C.Y.	\$6.00	\$4,080.00	\$10.00	\$6,800.00	\$7.50	\$5,100.00	\$13.00	\$8,840.00
24	203	Subgrade Compaction	15262	S.Y.	\$2.00	\$30,524.00	\$1.50	\$22,893.00	\$2.00	\$30,524.00	\$0.25	\$3,815.50
25	203	Proof Rolling	8	HOUR	\$125.00	\$1,000.00	\$100.00	\$800.00	\$120.00	\$960.00	\$65.00	\$520.00
26	203	Aggregate Refill, Type 2, As Directed	5600	C.Y.	\$45.00	\$252,000.00	\$19.00	\$106,400.00	\$39.00	\$218,400.00	\$26.00	\$145,600.00
27	252	Trenches for Copper Water Services in Earth	25	L.F.	\$25.00	\$625.00	\$7.50	\$187.50	\$42.00	\$1,050.00	\$18.00	\$450.00
28	254	6 inch Ductile Iron Pipe	31	L.F.	\$65.00	\$2,015.00	\$138.00	\$4,278.00	\$375.00	\$11,625.00	\$220.00	\$6,820.00
29	254	8 inch Ductile Iron Pipe	635	L.F.	\$80.00	\$50,800.00	\$52.50	\$33,337.50	\$100.00	\$63,500.00	\$75.00	\$47,625.00
30	254	12 inch Ductile Iron Pipe	777	L.F.	\$90.00	\$69,930.00	\$80.00	\$62,160.00	\$130.00	\$101,010.00	\$90.00	\$69,930.00
31	254	16 inch Ductile Iron Pipe	4	L.F.	\$110.00	\$440.00	\$1,500.00	\$6,000.00	\$900.00	\$3,600.00	\$380.00	\$1,520.00
32	258	6 inch Gate Valve	1	EACH	\$875.00	\$875.00	\$1,030.00	\$1,030.00	\$800.00	\$800.00	\$1,335.00	\$1,335.00
33	258	8 inch Gate Valve	9	EACH	\$900.00	\$8,100.00	\$1,460.00	\$13,140.00	\$1,100.00	\$9,900.00	\$1,638.00	\$14,742.00
34	258	12 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$2,605.00	\$5,210.00	\$2,000.00	\$4,000.00	\$2,495.00	\$4,990.00
35	259	8" Casting, Special	28	EACH	\$400.00	\$11,200.00	\$340.00	\$9,520.00	\$210.00	\$5,880.00	\$650.00	\$18,200.00
36	259	12" Casting, Special	23	EACH	\$450.00	\$10,350.00	\$1,425.00	\$32,775.00	\$550.00	\$12,650.00	\$650.00	\$14,950.00
37	259	16" Casting, Special	3	EACH	\$600.00	\$1,800.00	\$1,680.00	\$5,040.00	\$750.00	\$2,250.00	\$2,000.00	\$6,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
38	260	Fire Hydrants	11	EACH	\$3,000.00	\$33,000.00	\$3,905.00	\$42,955.00	\$4,600.00	\$50,600.00	\$4,440.00	\$48,840.00
39	263	Tying Into Existing 6 inch Main	1	EACH	\$1,000.00	\$1,000.00	\$690.00	\$690.00	\$3,200.00	\$3,200.00	\$1,900.00	\$1,900.00
40	263	Tying Into Existing 12 inch Main	10	EACH	\$1,500.00	\$15,000.00	\$960.00	\$9,600.00	\$4,200.00	\$42,000.00	\$2,155.00	\$21,550.00
41	263	Tying Into Existing 16 inch Main	4	EACH	\$1,800.00	\$7,200.00	\$1,500.00	\$6,000.00	\$6,100.00	\$24,400.00	\$3,800.00	\$15,200.00
42	265	Water Main Valve Boxes Adjusted	13	EACH	\$75.00	\$975.00	\$214.00	\$2,782.00	\$110.00	\$1,430.00	\$350.00	\$4,550.00
43	301	6 inch Bituminous Aggregate Base	2519	C.Y.	\$90.00	\$226,710.00	\$110.00	\$277,090.00	\$114.00	\$287,166.00	\$119.00	\$299,761.00
44	304	Aggregate Base	2637	C.Y.	\$40.00	\$105,480.00	\$52.00	\$137,124.00	\$54.00	\$142,398.00	\$42.00	\$110,754.00
45	407	Tack Coat	1214	GAL.	\$1.50	\$1,821.00	\$2.00	\$2,428.00	\$2.00	\$2,428.00	\$2.50	\$3,035.00
46	410	Drive and Walkway Sealcoat	347	S.Y.	\$2.00	\$694.00	\$5.80	\$2,012.60	\$3.00	\$1,041.00	\$7.00	\$2,429.00
47	446	Asphalt Concrete Intermediate Course, Type 2	1330	C.Y.	\$120.00	\$159,600.00	\$120.00	\$159,600.00	\$125.00	\$166,250.00	\$140.00	\$186,200.00
48	446	Asphalt Concrete Surface Course, Type 1	566	C.Y.	\$140.00	\$79,240.00	\$173.00	\$97,918.00	\$165.00	\$93,390.00	\$166.00	\$93,956.00
49	455	Curb, Type 6" X 18"	1335	L.F.	\$15.00	\$20,025.00	\$16.35	\$21,827.25	\$10.00	\$13,350.00	\$15.00	\$20,025.00
50	455	Combination Curb and Gutter	6281	L.F.	\$18.00	\$113,058.00	\$16.50	\$103,636.50	\$18.00	\$113,058.00	\$16.00	\$100,496.00
51	456	Concrete Walk, 6 inches Thick	28761	S.F.	\$5.50	\$158,185.50	\$3.40	\$97,787.40	\$3.95	\$113,605.95	\$4.75	\$136,614.75
52	456	Curb Ramps	8	EACH	\$400.00	\$3,200.00	\$310.00	\$2,480.00	\$250.00	\$2,000.00	\$400.00	\$3,200.00
53	456	Concrete Aprons, 7 inches Thick	1416	S.F.	\$9.00	\$12,744.00	\$6.35	\$8,991.60	\$5.35	\$7,575.60	\$6.50	\$9,204.00
54	457	Concrete Traffic Island	45	S.Y.	\$150.00	\$6,750.00	\$66.00	\$2,970.00	\$86.00	\$3,870.00	\$115.50	\$5,197.50
55	551	Sewer Status Verification	4	EACH	\$2,500.00	\$10,000.00	\$6,000.00	\$24,000.00	\$410.00	\$1,640.00	\$2,500.00	\$10,000.00
56	552	12 inch Storm Sewer, Type A, 706.02, Class B Bedding	75	L.F.	\$45.00	\$3,375.00	\$80.00	\$6,000.00	\$72.00	\$5,400.00	\$61.00	\$4,575.00
57	552	15 inch Storm Sewer, Type A, 706.02, Class B Bedding	849	L.F.	\$52.00	\$44,148.00	\$70.00	\$59,430.00	\$72.00	\$61,128.00	\$60.00	\$50,940.00
58	552	18 inch Storm Sewer, Type A, 706.02, Class B Bedding	172	L.F.	\$60.00	\$10,320.00	\$77.00	\$13,244.00	\$83.00	\$14,276.00	\$72.00	\$12,384.00
59	552	24 inch Storm Sewer, Type A, 706.02, Class B Bedding	739	L.F.	\$70.00	\$51,730.00	\$92.00	\$67,988.00	\$104.00	\$76,856.00	\$72.00	\$53,208.00
60	552	30 inch Storm Sewer, Type A, 706.02, Class B Bedding	260	L.F.	\$90.00	\$23,400.00	\$113.00	\$29,380.00	\$162.00	\$42,120.00	\$102.00	\$26,520.00
61	552	48 inch Storm Sewer, Type A, 706.02, Class B Bedding	58	L.F.	\$175.00	\$10,150.00	\$200.00	\$11,600.00	\$280.00	\$16,240.00	\$174.00	\$10,092.00
62	552	66 inch Storm Sewer, Type A, 706.02, Class B Bedding	420	L.F.	\$300.00	\$126,000.00	\$350.00	\$147,000.00	\$390.00	\$163,800.00	\$396.00	\$166,320.00
63	552	78 inch Storm Sewer, Type A, 706.02, Class B Bedding	817	L.F.	\$375.00	\$306,375.00	\$526.00	\$429,742.00	\$500.00	\$408,500.00	\$488.00	\$398,696.00
64	552	78 inch Storm Sewer, Type B, 706.02, Class B Bedding	62	L.F.	\$325.00	\$20,150.00	\$492.00	\$30,504.00	\$495.00	\$30,690.00	\$517.00	\$32,054.00
65	552	43" X 68" Storm Sewer, Type A, 706.04 , Class HE-III minimum, Class B Bedding	519	L.F.	\$250.00	\$129,750.00	\$278.00	\$144,282.00	\$335.00	\$173,865.00	\$294.00	\$152,586.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE			**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.	
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
66	553	12 inch Inlet Connection, RCP, Class "B" Bedding	356	L.F.	\$45.00	\$16,020.00	\$73.00	\$25,988.00	\$76.00	\$27,056.00	\$60.00	\$21,360.00
67		12 inch Inlet Connection, RCP, Class "B" Bedding, As Per										
	553	Plan	30	L.F.	\$35.00	\$1,050.00	\$102.00	\$3,060.00	\$85.00	\$2,550.00	\$79.00	\$2,370.00
68	553	15 inch Inlet Connection, RCP, Class "B" Bedding	295	L.F.	\$52.00	\$15,340.00	\$89.00	\$26,255.00	\$78.50	\$23,157.50	\$60.00	\$17,700.00
69		6 Inch Pipe Reconnections, Class B Bedding, AS Per										
	559	Plan	100	L.F.	\$35.00	\$3,500.00	\$25.00	\$2,500.00	\$80.00	\$8,000.00	\$10.00	\$1,000.00
70	562	Manhole MH-2A on Storm Sewer	6	EACH	\$1,700.00	\$10,200.00	\$2,840.00	\$17,040.00	\$5,200.00	\$31,200.00	\$2,900.00	\$17,400.00
71	562	Manhole MH-2B on Storm Sewer	5	EACH	\$2,200.00	\$11,000.00	\$2,840.00	\$14,200.00	\$6,100.00	\$30,500.00	\$3,151.00	\$15,755.00
72	562	Manhole MH-2C on Storm Sewer	1	EACH	\$3,200.00	\$3,200.00	\$3,395.00	\$3,395.00	\$7,200.00	\$7,200.00	\$4,000.00	\$4,000.00
73	562	Manhole MH-3B on Storm Sewer	1	EACH	\$2,000.00	\$2,000.00	\$6,995.00	\$6,995.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
74	562	Manhole MH-5B on Storm Sewer	1	EACH	\$12,000.00	\$12,000.00	\$14,915.00	\$14,915.00	\$8,800.00	\$8,800.00	\$10,000.00	\$10,000.00
75	562	Manhole MH-5C on Storm Sewer	9	EACH	\$15,000.00	\$135,000.00	\$20,905.00	\$188,145.00	\$16,200.00	\$145,800.00	\$15,000.00	\$135,000.00
76	562	Manhole Adjusted by Adding Adjustment Ring	12	EACH	\$450.00	\$5,400.00	\$980.00	\$11,760.00	\$125.00	\$1,500.00	\$300.00	\$3,600.00
77	563	Inlet, No. 5	16	EACH	\$1,500.00	\$24,000.00	\$2,845.00	\$45,520.00	\$1,800.00	\$28,800.00	\$1,625.00	\$26,000.00
78	563	Inlet, Double No. 5	10	EACH	\$1,900.00	\$19,000.00	\$2,825.00	\$28,250.00	\$2,200.00	\$22,000.00	\$2,160.00	\$21,600.00
79	563	Inlet, Modified No. 5	2	EACH	\$1,500.00	\$3,000.00	\$2,645.00	\$5,290.00	\$1,800.00	\$3,600.00	\$2,400.00	\$4,800.00
80	563	Inlet Adjusted	1	EACH	\$350.00	\$350.00	\$660.00	\$660.00	\$600.00	\$600.00	\$200.00	\$200.00
81	563	ODOT CB 2-2B	2	EACH	\$1,100.00	\$2,200.00	\$2,100.00	\$4,200.00	\$1,250.00	\$2,500.00	\$1,184.00	\$2,368.00
82	564	4 inch Pipe Underdrains	7465	L.F.	\$6.00	\$44,790.00	\$8.25	\$61,586.25	\$4.20	\$31,353.00	\$5.00	\$37,325.00
83	566	Trench Drain	18	L.F.	\$200.00	\$3,600.00	\$202.00	\$3,636.00	\$150.00	\$2,700.00	\$171.00	\$3,078.00
84	601	Rock Channel Protection, Type A	36	C.Y.	\$45.00	\$1,620.00	\$203.00	\$7,308.00	\$148.00	\$5,328.00	\$119.00	\$4,284.00
85	602	Concrete Masonry	3	C.Y.	\$350.00	\$1,050.00	\$428.00	\$1,284.00	\$850.00	\$2,550.00	\$3,000.00	\$9,000.00
86	602	Concrete Masonry w/Reinforcement	6	C.Y.	\$450.00	\$2,700.00	\$1,668.00	\$10,008.00	\$1,500.00	\$9,000.00	\$4,000.00	\$24,000.00
87	606	Guardrail, Type 5	13	L.F.	\$30.00	\$390.00	\$34.00	\$442.00	\$65.00	\$845.00	\$70.00	\$910.00
88	607	Fence, Type CLTTR, 72 Inch with Barbed Wire	1075	L.F.	\$35.00	\$37,625.00	\$28.00	\$30,100.00	\$20.00	\$21,500.00	\$29.00	\$31,175.00
89	607	Gate, Type CLTTR, 72 Inch with Barbed Wire	4	EACH	\$3,500.00	\$14,000.00	\$2,641.00	\$10,564.00	\$3,670.00	\$14,680.00	\$4,500.00	\$18,000.00
90	609	Engineering Geogrid for Roadways, As Directed	14437	S.Y.	\$5.00	\$72,185.00	\$2.45	\$35,370.65	\$0.80	\$11,549.60	\$3.15	\$45,476.55
91	613	Uniformed Law Enforcement Officer with Patrol Car	60	HOUR	\$60.00	\$3,600.00	\$37.00	\$2,220.00	\$50.00	\$3,000.00	\$58.00	\$3,480.00
92	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00	\$206,000.00	\$206,000.00
93	614	ODOT Item 614E12420 Detour Signing	1	L.S.	\$27,000.00	\$27,000.00	\$12,500.00	\$12,500.00	\$18,000.00	\$18,000.00	\$18,900.00	\$18,900.00
94	614	ODOT Item 614E20000 Work Zone Lane Line, Class 1	0.45	Mile	\$1,450.00	\$652.50	\$1,268.00	\$570.60	\$1,200.00	\$540.00	\$1,260.00	\$567.00
95	614	ODOT Item 614E21000 Work Zone Center Line, Class 1	0.64	Mile	\$2,550.00	\$1,632.00	\$5,282.00	\$3,380.48	\$5,000.00	\$3,200.00	\$5,250.00	\$3,360.00
96	614	ODOT Item 614E22000 Work Zone Edge Line, Class 1	1.71	Mile	\$2,100.00	\$3,591.00	\$4,754.00	\$8,129.34	\$4,500.00	\$7,695.00	\$4,725.00	\$8,079.75
97	614	ODOT Item 614E24000 Work Zone Dotted Line, Class 1	184	FT	\$2.00	\$368.00	\$2.10	\$386.40	\$2.00	\$368.00	\$2.20	\$404.80

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
98	614	ODOT Item 614E26000 Work Zone Stop Line, Class 1	271	FT	\$4.50	\$1,219.50	\$4.25	\$1,151.75	\$4.00	\$1,084.00	\$4.20	\$1,138.20
99	615	Temporary Pavement	700	S.Y.	\$60.00	\$42,000.00	\$64.80	\$45,360.00	\$42.00	\$29,400.00	\$41.00	\$28,700.00
100	615	ODOT Item 615E10000 Roads for Maintaining Traffic	1	L.S.	\$5,000.00	\$5,000.00	\$7,150.00	\$7,150.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
101	616	Water	6	M.GAL	\$25.00	\$150.00	\$280.00	\$1,680.00	\$5.00	\$30.00	\$5.00	\$30.00
102	617	Low Strength Mortar Backfill	9	C.Y.	\$50.00	\$450.00	\$100.00	\$900.00	\$80.00	\$720.00	\$61.00	\$549.00
103	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
104	619	Field Office	1	L.S.	\$15,000.00	\$15,000.00	\$16,200.00	\$16,200.00	\$21,000.00	\$21,000.00	\$15,820.00	\$15,820.00
105	621	Edge Lines	731	L.F.	\$0.75	\$548.25	\$0.25	\$182.75	\$0.25	\$182.75	\$0.30	\$219.30
106	621	Lane Lines, 4 inch	164	L.F.	\$1.00	\$164.00	\$0.25	\$41.00	\$0.25	\$41.00	\$0.30	\$49.20
107	621	Center Lines	5762	L.F.	\$0.50	\$2,881.00	\$0.25	\$1,440.50	\$0.25	\$1,440.50	\$0.30	\$1,728.60
108	621	Channelizing Lines	1800	L.F.	\$1.50	\$2,700.00	\$0.55	\$990.00	\$0.55	\$990.00	\$0.70	\$1,260.00
109	621	Stop Lines	242	L.F.	\$6.00	\$1,452.00	\$2.80	\$677.60	\$2.65	\$641.30	\$2.80	\$677.60
110	621	Crosswalk Lines	712	L.F.	\$3.00	\$2,136.00	\$2.60	\$1,851.20	\$2.35	\$1,673.20	\$2.65	\$1,886.80
111	621	Broad Transverse Lines	836	L.F.	\$5.00	\$4,180.00	\$2.60	\$2,173.60	\$2.50	\$2,090.00	\$2.75	\$2,299.00
112	621	Island Marking	188	S.F.	\$2.00	\$376.00	\$2.60	\$488.80	\$2.50	\$470.00	\$2.75	\$517.00
113	621	Lane Arrows	33	EACH	\$110.00	\$3,630.00	\$40.00	\$1,320.00	\$38.00	\$1,254.00	\$39.95	\$1,318.35
114	621	Removal of Pavement Marking	5340	L.F.	\$0.75	\$4,005.00	\$0.30	\$1,602.00	\$3.00	\$16,020.00	\$1.65	\$8,811.00
115	622	Monument Boxes	8	EACH	\$650.00	\$5,200.00	\$1,040.00	\$8,320.00	\$500.00	\$4,000.00	\$425.00	\$3,400.00
116	623	Construction Layout Stakes	1	L.S.	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$24,000.00	\$24,000.00	\$50,000.00	\$50,000.00
117	624	Mobilization	1	L.S.	\$100,000.00	\$100,000.00	\$15,000.00	\$15,000.00	\$55,000.00	\$55,000.00	\$88,851.00	\$88,851.00
118	625	Light Pole, Conventional, As Per Plan	39	EACH	\$3,000.00	\$117,000.00	\$2,005.00	\$78,195.00	\$1,600.00	\$62,400.00	\$1,678.00	\$65,442.00
119	625	Light Pole Foundation, 24"x8' Deep	39	EACH	\$1,200.00	\$46,800.00	\$1,426.00	\$55,614.00	\$1,342.00	\$52,338.00	\$1,410.00	\$54,990.00
120	625	Light Pole Anchor 'L' Bolts	39	EACH	\$80.00	\$3,120.00	\$42.00	\$1,638.00	\$180.00	\$7,020.00	\$189.00	\$7,371.00
121	625	Luminaire, Conventional, 140W, LED, Type II, 240V, As Per Plan	39	EACH	\$1,000.00	\$39,000.00	\$1,082.00	\$42,198.00	\$608.00	\$23,712.00	\$638.00	\$24,882.00
122	625	Pull Box, 713.08, 24" Portland Concrete	3	EACH	\$650.00	\$1,950.00	\$845.00	\$2,535.00	\$666.00	\$1,998.00	\$700.00	\$2,100.00
123	625	Pull Box, 713.08, 18" Portland Concrete	11	EACH	\$650.00	\$7,150.00	\$713.00	\$7,843.00	\$542.00	\$5,962.00	\$569.00	\$6,259.00
124	625	Bracket Arm, 8'	1	EACH	\$450.00	\$450.00	\$380.00	\$380.00	\$521.00	\$521.00	\$546.50	\$546.50
125	625	Bracket Arm, 10'	1	EACH	\$500.00	\$500.00	\$422.00	\$422.00	\$572.00	\$572.00	\$600.50	\$600.50
126	625	Bracket Arm, 12'	1	EACH	\$500.00	\$500.00	\$507.00	\$507.00	\$630.00	\$630.00	\$660.00	\$660.00
127	625	Bracket Arm, 18'	1	EACH	\$600.00	\$600.00	\$808.00	\$808.00	\$655.00	\$655.00	\$1,001.65	\$1,001.65
128	625	Bracket Arm, 20'	1	EACH	\$800.00	\$800.00	\$913.00	\$913.00	\$1,057.00	\$1,057.00	\$1,189.10	\$1,189.10
129	625	Ground Rod	50	EACH	\$150.00	\$7,500.00	\$280.00	\$14,000.00	\$116.00	\$5,800.00	\$122.00	\$6,100.00
130	625	Connection, Fused Pull Apart	69	EACH	\$80.00	\$5,520.00	\$74.00	\$5,106.00	\$79.00	\$5,451.00	\$82.53	\$5,694.57
131	625	Connection, Unfused Pull Apart	35	EACH	\$80.00	\$2,800.00	\$74.00	\$2,590.00	\$75.00	\$2,625.00	\$78.15	\$2,735.25
132	625	Trench	132	L.F.	\$7.00	\$924.00	\$9.00	\$1,188.00	\$5.30	\$699.60	\$5.60	\$739.20
133	625	Trench, 24" Deep	1705	L.F.	\$6.00	\$10,230.00	\$9.00	\$15,345.00	\$4.30	\$7,331.50	\$4.50	\$7,672.50

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
134	625	Trench for Fiber Optic Cable, As Per Plan	2176	L.F.	\$25.00	\$54,400.00	\$9.50	\$20,672.00	\$5.20	\$11,315.20	\$5.50	\$11,968.00
135	625	Trench in Paved Area, Type B	757	L.F.	\$30.00	\$22,710.00	\$30.60	\$23,164.20	\$7.70	\$5,828.90	\$8.10	\$6,131.70
136	625	Plastic Caution Tape	6397	L.F.	\$0.60	\$3,838.20	\$0.50	\$3,198.50	\$0.20	\$1,279.40	\$0.38	\$2,430.86
137	625	Conduit, 2", 713.07	3212	L.F.	\$5.00	\$16,060.00	\$6.30	\$20,235.60	\$2.40	\$7,708.80	\$2.50	\$8,030.00
138	625	Conduit, 3", 713.04	422	L.F.	\$13.00	\$5,486.00	\$20.00	\$8,440.00	\$13.00	\$5,486.00	\$13.65	\$5,760.30
139	625	Conduit, 3", 713.07	2792	L.F.	\$11.00	\$30,712.00	\$13.20	\$36,854.40	\$4.00	\$11,168.00	\$4.15	\$11,586.80
140	625	Conduit, 4", 713.04	293	L.F.	\$15.00	\$4,395.00	\$25.35	\$7,427.55	\$17.30	\$5,068.90	\$18.15	\$5,317.95
141	625	No. 4 AWG, 600 Volt Distribution Cable	20865	L.F.	\$3.00	\$62,595.00	\$2.50	\$52,162.50	\$2.30	\$47,989.50	\$2.40	\$50,076.00
142	625	No. 3 AWG, 600 Volt Distribution Cable	150	L.F.	\$3.10	\$465.00	\$2.50	\$375.00	\$3.41	\$511.50	\$3.60	\$540.00
143	625	No. 10 AWG, Pole and Bracket Cable	1628	L.F.	\$1.00	\$1,628.00	\$1.15	\$1,872.20	\$1.65	\$2,686.20	\$1.70	\$2,767.60
144	625	Power Service, As Per Plan	1	Lump	\$3,100.00	\$3,100.00	\$7,025.00	\$7,025.00	\$3,952.00	\$3,952.00	\$4,150.00	\$4,150.00
145	626	Geotextile Fabric, Type D, As Directed	14437	S.Y.	\$4.00	\$57,748.00	\$1.15	\$16,602.55	\$1.85	\$26,708.45	\$1.00	\$14,437.00
146	629	Street Name Sign Assembly	10	EACH	\$100.00	\$1,000.00	\$105.00	\$1,050.00	\$256.00	\$2,560.00	\$995.00	\$9,950.00
147	630	Ground Mounted Supports, #2 Post, As Per Plan	454	L.F.	\$8.00	\$3,632.00	\$9.35	\$4,244.90	\$10.65	\$4,835.10	\$9.30	\$4,222.20
148	630	Ground Mounted Supports, #3 Post, As Per Plan	307	L.F.	\$10.00	\$3,070.00	\$10.00	\$3,070.00	\$11.40	\$3,499.80	\$10.00	\$3,070.00
149	630	Sign Hanger Assembly, Mast Arm	8	EACH	\$175.00	\$1,400.00	\$221.00	\$1,768.00	\$252.00	\$2,016.00	\$220.50	\$1,764.00
150	630	Signs, Flat Sheet	325	S.F.	\$12.00	\$3,900.00	\$14.50	\$4,712.50	\$16.50	\$5,362.50	\$14.45	\$4,696.25
151	630	Signs, Flat Sheet, As Per Plan	8	S.F.	\$20.00	\$160.00	\$21.10	\$168.80	\$24.00	\$192.00	\$21.00	\$168.00
152	630	Removal of Ground Mounted Post Support	25	EACH	\$10.00	\$250.00	\$10.50	\$262.50	\$12.00	\$300.00	\$11.00	\$275.00
153	630	Traffic Sign Removed	58	EACH	\$15.00	\$870.00	\$10.50	\$609.00	\$46.00	\$2,668.00	\$11.00	\$638.00
154	632	Vehicular Signal Head, 3-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	15	EACH	\$500.00	\$7,500.00	\$718.00	\$10,770.00	\$715.00	\$10,725.00	\$750.50	\$11,257.50
155	632	Vehicular Signal Head, 5-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	8	EACH	\$700.00	\$5,600.00	\$977.00	\$7,816.00	\$1,076.00	\$8,608.00	\$1,130.00	\$9,040.00
156	632	Pedestrian Signal Head (LED), (Countdown), Type D2	10	EACH	\$640.00	\$6,400.00	\$533.00	\$5,330.00	\$423.50	\$4,235.00	\$444.65	\$4,446.50
157	632	Pedestrian Pushbutton, As Per Plan	10	EACH	\$300.00	\$3,000.00	\$147.00	\$1,470.00	\$209.20	\$2,092.00	\$220.00	\$2,200.00
158	632	Pull box, 24"x36"x18" Reinforced Polymer Concrete	18	EACH	\$1,400.00	\$25,200.00	\$977.00	\$17,586.00	\$820.00	\$14,760.00	\$860.65	\$15,491.70
159	632	Pull box, 30"x48"x18" Reinforced Polymer Concrete	2	EACH	\$1,800.00	\$3,600.00	\$1,373.00	\$2,746.00	\$1,211.00	\$2,422.00	\$1,271.55	\$2,543.10
160	632	Signal Support Foundation	8	EACH	\$2,200.00	\$17,600.00	\$4,014.00	\$32,112.00	\$1,988.00	\$15,904.00	\$2,087.40	\$16,699.20
161	632	Pedestal Foundation	1	EACH	\$500.00	\$500.00	\$679.00	\$679.00	\$494.00	\$494.00	\$520.00	\$520.00
162	632	Signal Support, Type TC- 81.21, Design 2	2	EACH	\$3,400.00	\$6,800.00	\$5,493.00	\$10,986.00	\$4,997.00	\$9,994.00	\$5,246.10	\$10,492.20
163	632	Signal Support, Type TC- 81.21, Design 4	1	EACH	\$3,800.00	\$3,800.00	\$7,606.00	\$7,606.00	\$6,986.00	\$6,986.00	\$7,335.50	\$7,335.50
164	632	Signal Support, Type TC- 81.21, Design 12	1	EACH	\$6,000.00	\$6,000.00	\$9,296.00	\$9,296.00	\$8,728.00	\$8,728.00	\$9,165.00	\$9,165.00
165	632	Combination Signal Support, Type TC- 81.21, Design 1	1	EACH	\$3,200.00	\$3,200.00	\$5,387.00	\$5,387.00	\$4,900.00	\$4,900.00	\$5,145.95	\$5,145.95
166	632	Combination Signal Support, Type TC- 81.21, Design 2	1	EACH	\$3,500.00	\$3,500.00	\$5,810.00	\$5,810.00	\$5,302.00	\$5,302.00	\$5,567.45	\$5,567.45

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE		**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.		
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
167	632	Combination Signal Support, Type TC- 81.21, Design 3	1	EACH	\$4,500.00	\$4,500.00	\$6,232.00	\$6,232.00	\$5,710.00	\$5,710.00	\$5,993.65	\$5,993.65
168	632	Combination Signal Support, Type TC- 81.21, Design 4	1	EACH	\$6,300.00	\$6,300.00	\$8,134.00	\$8,134.00	\$7,255.00	\$7,255.00	\$7,618.00	\$7,618.00
169	632	Combination Signal Support, Type TC- 81.21, Design 11	1	EACH	\$7,300.00	\$7,300.00	\$9,402.00	\$9,402.00	\$8,724.00	\$8,724.00	\$9,560.00	\$9,560.00
170	632	Combination Signal Support, Type TC-81.21, Design 4 Pole, With Mast Arms TC-81.21 Design 3 and Design 3	1	EACH	\$8,500.00	\$8,500.00	\$9,930.00	\$9,930.00	\$9,319.00	\$9,319.00	\$9,784.32	\$9,784.32
171	632	Pedestal, 8', Transformer Base	2	EACH	\$450.00	\$900.00	\$581.00	\$1,162.00	\$568.00	\$1,136.00	\$595.56	\$1,191.12
172	632	Signal Cable, 5-Conductor No. 14 AWG	1795	L.F.	\$1.50	\$2,692.50	\$2.50	\$4,487.50	\$2.05	\$3,679.75	\$2.20	\$3,949.00
173	632	Signal Cable, 7-Conductor No. 14 AWG	2445	L.F.	\$1.75	\$4,278.75	\$2.75	\$6,723.75	\$2.35	\$5,745.75	\$2.50	\$6,112.50
174	632	Loop Detector Lead-in Cable	1560	L.F.	\$1.50	\$2,340.00	\$1.35	\$2,106.00	\$1.76	\$2,745.60	\$1.85	\$2,886.00
175	632	Power Service, As Per Plan	3	EACH	\$1,310.00	\$3,930.00	\$2,746.00	\$8,238.00	\$1,324.00	\$3,972.00	\$1,391.00	\$4,173.00
176	632	Removal of Traffic Signal Installation	1	EACH	\$1,800.00	\$1,800.00	\$1,267.00	\$1,267.00	\$2,340.00	\$2,340.00	\$2,457.00	\$2,457.00
177	632	Signalization, Misc.: Video Detection System, As Per Plan	3	EACH	\$15,000.00	\$45,000.00	\$19,500.00	\$58,500.00	\$15,471.00	\$46,413.00	\$16,244.55	\$48,733.65
178	632	Interconnect Cable Misc.: Drop Cable, 6 Fiber	144	L.F.	\$2.00	\$288.00	\$2.50	\$360.00	\$5.60	\$806.40	\$5.85	\$842.40
179	632	Interconnect Misc.: Trunk Cable, 6 Fiber	2784	L.F.	\$3.25	\$9,048.00	\$2.50	\$6,960.00	\$2.65	\$7,377.60	\$2.75	\$7,656.00
180	632	Interconnect Misc.: Fan-Out Kit, 6 Fiber	3	EACH	\$80.00	\$240.00	\$110.00	\$330.00	\$59.00	\$177.00	\$61.75	\$185.25
181	632	Interconnect Misc.: Fiber Optic Patch Cord, 4 Fiber	3	EACH	\$45.00	\$135.00	\$110.00	\$330.00	\$90.00	\$270.00	\$94.50	\$283.50
182	632	Interconnect Misc.: Fusion Splice	24	EACH	\$150.00	\$3,600.00	\$55.00	\$1,320.00	\$43.20	\$1,036.80	\$45.36	\$1,088.64
183	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial)	4	EACH	\$525.00	\$2,100.00	\$781.00	\$3,124.00	\$648.00	\$2,592.00	\$680.50	\$2,722.00
184	632	Interconnect Misc.: Termination Panel, Controller Cabinet	3	EACH	\$2,500.00	\$7,500.00	\$665.00	\$1,995.00	\$294.00	\$882.00	\$310.00	\$930.00
185	632	Interconnect Misc.: Fiber Optic Connector	3	EACH	\$500.00	\$1,500.00	\$110.00	\$330.00	\$30.00	\$90.00	\$32.00	\$96.00
186	632	Interconnect Misc.: Slack Installation	250	L.F.	\$2.00	\$500.00	\$2.50	\$625.00	\$2.62	\$655.00	\$2.75	\$687.50
187	632	Interconnect Misc.: Fiber Optic Cable Testing	1	Lump	\$2,500.00	\$2,500.00	\$1,109.00	\$1,109.00	\$1,440.00	\$1,440.00	\$1,512.00	\$1,512.00
188	632	Signalization Misc.: Traffic Manhole	1	EACH	\$3,500.00	\$3,500.00	\$2,641.00	\$2,641.00	\$1,104.00	\$1,104.00	\$1,159.25	\$1,159.25
189	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan	3	EACH	\$9,000.00	\$27,000.00	\$15,000.00	\$45,000.00	\$13,013.00	\$39,039.00	\$13,665.00	\$40,995.00
190	633	Cabinet Foundation	2	EACH	\$850.00	\$1,700.00	\$2,482.00	\$4,964.00	\$994.00	\$1,988.00	\$1,043.75	\$2,087.50
191	633	Controller Work Pad	3	EACH	\$150.00	\$450.00	\$147.00	\$441.00	\$494.00	\$1,482.00	\$520.00	\$1,560.00
192	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan	3	EACH	\$5,000.00	\$15,000.00	\$6,761.00	\$20,283.00	\$4,784.00	\$14,352.00	\$5,025.00	\$15,075.00
193	633	Uninterruptible Power Supply (UPS), 1000 Watt	3	EACH	\$4,000.00	\$12,000.00	\$3,274.00	\$9,822.00	\$3,365.00	\$10,095.00	\$3,532.25	\$10,596.75
194	633	Controller Misc.: Fiber Optic Ethernet Transceiver, As Per Plan	3	EACH	\$250.00	\$750.00	\$2,271.00	\$6,813.00	\$2,452.00	\$7,356.00	\$2,575.00	\$7,725.00
195	633	Controller Misc.: Central System Expansion, As Per Plan	1	Lump	\$5,000.00	\$5,000.00	\$633.00	\$633.00	\$1,508.00	\$1,508.00	\$1,584.00	\$1,584.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE			**3. Central Allied Ent., Inc.		***4. Karvo Paving		5. Liberta Construction Co.	
				UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
196	633	Signalization Miscellaneous Equipment, As Per Plan	1	Lump	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$16,336.00	\$16,336.00	\$17,153.00	\$17,153.00
197	653	Topsoil Furnished & Placed, 4" Thick	9240	S.Y.	\$3.50	\$32,340.00	\$3.10	\$28,644.00	\$3.25	\$30,030.00	\$3.55	\$32,802.00
198	659	Lawn Seeding and Mulching	7285	S.Y.	\$0.50	\$3,642.50	\$2.50	\$18,212.50	\$1.25	\$9,106.25	\$1.35	\$9,834.75
199	659	Restoration Corridor Seeding and Mulching, As Per Plan	1955	S.Y.	\$0.65	\$1,270.75	\$6.85	\$13,391.75	\$6.50	\$12,707.50	\$6.85	\$13,391.75
200	662	Planting Shrubs, 3 Gallon, As Per Plan	175	EACH	\$30.00	\$5,250.00	\$47.00	\$8,225.00	\$65.00	\$11,375.00	\$68.25	\$11,943.75
201	663	Tree Planting, 1 Inch - 1.25 Inch Caliper, As Per Plan	20	EACH	\$275.00	\$5,500.00	\$163.00	\$3,260.00	\$220.00	\$4,400.00	\$241.00	\$4,820.00
202	663	Tree Planting, 1.5 Inch - 2 Inch Caliper, As Per Plan	65	EACH	\$250.00	\$16,250.00	\$215.00	\$13,975.00	\$278.00	\$18,070.00	\$295.00	\$19,175.00
203	664	Planting Salvaged Plants, As Per Plan	1	L.S.	\$10,000.00	\$10,000.00	\$2,535.00	\$2,535.00	\$14,000.00	\$14,000.00	\$14,900.00	\$14,900.00
204	832	ODOT Item 832 - Erosion Control	65000	EACH	\$1.00	\$65,000.00	\$1.00	\$65,000.00	\$1.00	\$65,000.00	\$1.00	\$65,000.00
205	832	ODOT Item 832 - Storm Water Pollution Prevention Plan	1	LUMP	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$13,175.00	\$13,175.00	\$15,500.00	\$15,500.00
206	Special	8 Inch Sanitary Sewer Cured in Place Pipe	919	L.F.	\$34.00	\$31,246.00	\$31.50	\$28,948.50	\$35.00	\$32,165.00	\$40.00	\$36,760.00
207	Special	10 Inch Sanitary Sewer Cured in Place Pipe	495	L.F.	\$36.00	\$17,820.00	\$37.00	\$18,315.00	\$36.00	\$17,820.00	\$40.00	\$19,800.00
208	Special	12 Inch Sanitary Sewer Cured in Place Pipe	665	L.F.	\$40.00	\$26,600.00	\$40.00	\$26,600.00	\$50.00	\$33,250.00	\$55.00	\$36,575.00
209	Special	Private Water Vault Relocated	1	L.S.	\$40,000.00	\$40,000.00	\$26,000.00	\$26,000.00	\$31,000.00	\$31,000.00	\$25,000.00	\$25,000.00
210	Special	Decorative Concrete Walk, 6" Thick (Brick Red Color)	9678	S.F.	\$9.50	\$91,941.00	\$12.00	\$116,136.00	\$10.70	\$103,554.60	\$7.50	\$72,585.00
211	Special	Environmental Remediation	1	Allow	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
212	Special	Work Involving Regulated Water	1	Allow	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
<u>ALTERNATE #1-16</u>												
1	621	Edge Lines - Alternate Bid Reference #1, if awarded, will replace Base Bid Reference #105	731	L.F.	\$2.00	\$1,462.00	\$4.50	\$3,289.50	\$0.80	\$584.80	\$4.50	\$3,289.50
2	621	Lane Lines, 4 inch - Alternate Bid Reference #2, if awarded, will replace Base Bid Reference #106	164	L.F.	\$2.25	\$369.00	\$2.65	\$434.60	\$1.65	\$270.60	\$2.75	\$451.00
3	621	Center Lines - Alternate Bid Reference #3, if awarded, will replace Base Bid Reference #107	5762	L.F.	\$1.25	\$7,202.50	\$9.00	\$51,858.00	\$1.00	\$5,762.00	\$8.90	\$51,281.80
4	621	Channelizing Lines - Alternate Bid Reference #4, if awarded, will replace Base Bid Reference #108	1800	L.F.	\$3.50	\$6,300.00	\$10.55	\$18,990.00	\$1.85	\$3,330.00	\$11.00	\$19,800.00
5	621	Stop Lines - Alternate Bid Reference #5, if awarded, will replace Base Bid Reference #109	242	L.F.	\$14.00	\$3,388.00	\$19.55	\$4,731.10	\$8.20	\$1,984.40	\$19.45	\$4,706.90
6	621	Crosswalk Lines - Alternate Bid Reference #6, if awarded, will replace Base Bid Reference #110	712	L.F.	\$7.00	\$4,984.00	\$15.85	\$11,285.20	\$4.10	\$2,919.20	\$15.75	\$11,214.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	ENGINEER'S ESTIMATE UNIT	PRICE	AMOUNT	**3. Central Allied Ent., Inc. PRICE	AMOUNT	***4. Karvo Paving PRICE	AMOUNT	5. Liberta Construction Co. PRICE	AMOUNT
7	621	Broad Transverse Lines - Alternate Bid Reference #7, if awarded, will replace Base Bid Reference #111	836	L.F.	\$11.00	\$9,196.00	\$19.50	\$16,302.00	\$8.00	\$6,688.00	\$19.45	\$16,260.20
8	621	Island Marking - Alternate Bid Reference #8, if awarded, will replace Base Bid Reference #112	188	S.F.	\$5.00	\$940.00	\$21.10	\$3,966.80	\$4.00	\$752.00	\$21.00	\$3,948.00
9	621	Lane Arrows - Alternate Bid Reference #9, if awarded, will replace Base Bid Reference #113	33	EACH	\$250.00	\$8,250.00	\$264.00	\$8,712.00	\$135.00	\$4,455.00	\$275.00	\$9,075.00
10	632	Power Service, As Per Plan - Alternate Bid Reference #10, if awarded, will replace Base Bid Reference #175	3	EACH	\$1,975.00	\$5,925.00	\$2,958.00	\$8,874.00	\$1,245.00	\$3,735.00	\$1,302.00	\$3,906.00
11	632	Signalization, Misc.: Video Detection System, As Per Plan - Alternate Bid Reference #11, if awarded, will replace Base Bid Reference #177	3	EACH	\$22,500.00	\$67,500.00	\$19,755.00	\$59,265.00	\$15,350.00	\$46,050.00	\$16,089.00	\$48,267.00
12	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial) - Alternate Bid Reference #12, if awarded, will replace Base Bid Reference #183	4	EACH	\$800.00	\$3,200.00	\$782.00	\$3,128.00	\$280.00	\$1,120.00	\$290.00	\$1,160.00
13	632	Interconnect Misc.: Termination Panel, Controller Cabinet - Alternate Bid Reference #13, if awarded, will replace Base Bid Reference #184	3	EACH	\$3,750.00	\$11,250.00	\$665.00	\$1,995.00	\$275.00	\$825.00	\$303.50	\$910.50
14	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan - Alternate Bid Reference #14, if awarded, will replace Base Bid Reference #189	3	EACH	\$9,500.00	\$28,500.00	\$15,318.00	\$45,954.00	\$13,400.00	\$40,200.00	\$14,029.35	\$42,088.05
15	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan - Alternate Bid Reference #15, if awarded, will replace Base Bid Reference #192	3	EACH	\$7,500.00	\$22,500.00	\$7,078.00	\$21,234.00	\$4,800.00	\$14,400.00	\$5,023.20	\$15,069.60
16	633	Uninterruptible Power Supply (UPS), 1000 Watt - Alternate Bid Reference #16, if awarded, will replace Base Bid Reference #193	3	EACH	\$6,000.00	\$18,000.00	\$6,655.00	\$19,965.00	\$6,200.00	\$18,600.00	\$6,447.85	\$19,343.55
TOTAL CONSTRUCTION COSTS						\$4,613,183.45		\$4,788,287.82		\$4,992,124.75		\$5,167,081.71
+/- ENGINEER'S ESTIMATE								+3.8%		+8.2%		+12.0%
ALTERNATE #1-16												
TOTAL CONSTRUCTION COSTS						\$198,966.50		\$279,984.20		\$151,676.00		\$250,771.10
+/- ENGINEER'S ESTIMATE								+40.7%		-23.8%		+26.0%

* Ref. #91 correction was not dated or initialed.

** Ref. #139 - total is incorrect. Ref. #139 & Alt. Ref. #4 - corrections were not dated or initialed. Second EEO Form needs to be an original.

*** Ref. #113 total is incorrect.

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	201	Clearing and Grubbing	1	L.S.		
3	201	Trees Removed, 18"	18	EACH		
4	202	Structures Removed (Seiberling Street Bridge)	1	L.S.		
5	202	Pipe Removed, 12 inch	760	L.F.		
6	202	Pipe Removed, 24 inch	2031	L.F.		
7	202	Pipe Abandoned, 8 inch	1350	L.F.		
8	202	Pipe Abandoned, 12 inch	325	L.F.		
9	202	Pipe Abandoned, 24 inch	1275	L.F.		
10	202	Curb Removed	7016	L.F.		
11	202	Pavement Removed	13470	S.Y.		
12	202	Wearing Course Removed	830	S.Y.		
13	202	Buildings Removed	1	L.S.		
14	202	Railroad Tracks/Foundations Removed	2000	L.F.		
15	202	Vault Removed	3	EACH		
16	202	Guardrail Removed	25	L.F.		
17	202	Manhole Removed	12	EACH		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
18	202	Catch Basin or Inlet Removed	20	EACH		
19	202	Water Mains Removed	878	L.F.		
20	202	Fence Removed	1143	L.F.		
21	203	Excavation Including Embankment Construction	8957	C.Y.		
22	203	Excavation Including Embankment Construction - Mass Grading, As Per Plan	1	L.S.		
23	203	Embankment	680	C.Y.		
24	203	Subgrade Compaction	15262	S.Y.		
25	203	Proof Rolling	8	HOUR		
26	203	Aggregate Refill, Type 2, As Directed	5600	C.Y.		
27	252	Trenches for Copper Water Services in Earth	25	L.F.		
28	254	6 inch Ductile Iron Pipe	31	L.F.		
29	254	8 inch Ductile Iron Pipe	635	L.F.		
30	254	12 inch Ductile Iron Pipe	777	L.F.		
31	254	16 inch Ductile Iron Pipe	4	L.F.		
32	258	6 inch Gate Valve	1	EACH		
33	258	8 inch Gate Valve	9	EACH		
34	258	12 inch Gate Valve	2	EACH		
35	259	8" Casting, Special	28	EACH		
36	259	12" Casting, Special	23	EACH		
37	259	16" Casting, Special	3	EACH		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
38	260	Fire Hydrants	11	EACH		
39	263	Tying Into Existing 6 inch Main	1	EACH		
40	263	Tying Into Existing 12 inch Main	10	EACH		
41	263	Tying Into Existing 16 inch Main	4	EACH		
42	265	Water Main Valve Boxes Adjusted	13	EACH		
43	301	6 inch Bituminous Aggregate Base	2519	C.Y.		
44	304	Aggregate Base	2637	C.Y.		
45	407	Tack Coat	1214	GAL.		
46	410	Drive and Walkway Sealcoat	347	S.Y.		
47	446	Asphalt Concrete Intermediate Course, Type 2	1330	C.Y.		
48	446	Asphalt Concrete Surface Course, Type 1	566	C.Y.		
49	455	Curb, Type 6" X 18"	1335	L.F.		
50	455	Combination Curb and Gutter	6281	L.F.		
51	456	Concrete Walk, 6 inches Thick	28761	S.F.		
52	456	Curb Ramps	8	EACH		
53	456	Concrete Aprons, 7 inches Thick	1416	S.F.		
54	457	Concrete Traffic Island	45	S.Y.		
55	551	Sewer Status Verification	4	EACH		
56	552	12 inch Storm Sewer, Type A, 706.02, Class B Bedding	75	L.F.		
57	552	15 inch Storm Sewer, Type A, 706.02, Class B Bedding	849	L.F.		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
58	552	18 inch Storm Sewer, Type A, 706.02, Class B Bedding	172	L.F.		
59	552	24 inch Storm Sewer, Type A, 706.02, Class B Bedding	739	L.F.		
60	552	30 inch Storm Sewer, Type A, 706.02, Class B Bedding	260	L.F.		
61	552	48 inch Storm Sewer, Type A, 706.02, Class B Bedding	58	L.F.		
62	552	66 inch Storm Sewer, Type A, 706.02, Class B Bedding	420	L.F.		
63	552	78 inch Storm Sewer, Type A, 706.02, Class B Bedding	817	L.F.		
64	552	78 inch Storm Sewer, Type B, 706.02, Class B Bedding	62	L.F.		
65	552	43" X 68" Storm Sewer, Type A, 706.04 , Class HE-III minimum, Class B Bedding	519	L.F.		
66	553	12 inch Inlet Connection, RCP, Class "B" Bedding	356	L.F.		
67	553	12 inch Inlet Connection, RCP, Class "B" Bedding, As Per Plan	30	L.F.		
68	553	15 inch Inlet Connection, RCP, Class "B" Bedding	295	L.F.		
69	559	6 Inch Pipe Reconnections, Class B Bedding, AS Per Plan	100	L.F.		
70	562	Manhole MH-2A on Storm Sewer	6	EACH		
71	562	Manhole MH-2B on Storm Sewer	5	EACH		
72	562	Manhole MH-2C on Storm Sewer	1	EACH		
73	562	Manhole MH-3B on Storm Sewer	1	EACH		
74	562	Manhole MH-5B on Storm Sewer	1	EACH		
75	562	Manhole MH-5C on Storm Sewer	9	EACH		
76	562	Manhole Adjusted by Adding Adjustment Ring	12	EACH		
77	563	Inlet, No. 5	16	EACH		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
78	563	Inlet, Double No. 5	10	EACH		
79	563	Inlet, Modified No. 5	2	EACH		
80	563	Inlet Adjusted	1	EACH		
81	563	ODOT CB 2-2B	2	EACH		
82	564	4 inch Pipe Underdrains	7465	L.F.		
83	566	Trench Drain	18	L.F.		
84	601	Rock Channel Protection, Type A	36	C.Y.		
85	602	Concrete Masonry	3	C.Y.		
86	602	Concrete Masonry w/Reinforcement	6	C.Y.		
87	606	Guardrail, Type 5	13	L.F.		
88	607	Fence, Type CLTTR, 72 Inch with Barbed Wire	1075	L.F.		
89	607	Gate, Type CLTTR, 72 Inch with Barbed Wire	4	EACH		
90	609	Engineering Geogrid for Roadways, As Directed	14437	S.Y.		
91	613	Uniformed Law Enforcement Officer with Patrol Car	60	HOUR		
92	614	Maintaining Traffic	1	L.S.		
93	614	ODOT Item 614E12420 Detour Signing	1	L.S.		
94	614	ODOT Item 614E20000 Work Zone Lane Line, Class 1	0.45	Mile		
95	614	ODOT Item 614E21000 Work Zone Center Line, Class 1	0.64	Mile		
96	614	ODOT Item 614E22000 Work Zone Edge Line, Class 1	1.71	Mile		
97	614	ODOT Item 614E24000 Work Zone Dotted Line, Class 1	184	FT		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
98	614	ODOT Item 614E26000 Work Zone Stop Line, Class 1	271	FT		
99	615	Temporary Pavement	700	S.Y.		
100	615	ODOT Item 615E10000 Roads for Maintaining Traffic	1	L.S.		
101	616	Water	6	M.GAL		
102	617	Low Strength Mortar Backfill	9	C.Y.		
103	618	Computer Equipment	1	Allow.	\$4,000.00	\$4,000.00
104	619	Field Office	1	L.S.		
105	621	Edge Lines	731	L.F.		
106	621	Lane Lines, 4 inch	164	L.F.		
107	621	Center Lines	5762	L.F.		
108	621	Channelizing Lines	1800	L.F.		
109	621	Stop Lines	242	L.F.		
110	621	Crosswalk Lines	712	L.F.		
111	621	Broad Transverse Lines	836	L.F.		
112	621	Island Marking	188	S.F.		
113	621	Lane Arrows	33	EACH		
114	621	Removal of Pavement Marking	5340	L.F.		
115	622	Monument Boxes	8	EACH		
116	623	Construction Layout Stakes	1	L.S.		
117	624	Mobilization	1	L.S.		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
118	625	Light Pole, Conventional, As Per Plan	39	EACH		
119	625	Light Pole Foundation, 24"x8' Deep	39	EACH		
120	625	Light Pole Anchor 'L' Bolts	39	EACH		
121	625	Luminaire, Conventional, 140W, LED, Type II, 240V, As Per Plan	39	EACH		
122	625	Pull Box, 713.08, 24" Portland Concrete	3	EACH		
123	625	Pull Box, 713.08, 18" Portland Concrete	11	EACH		
124	625	Bracket Arm, 8'	1	EACH		
125	625	Bracket Arm, 10'	1	EACH		
126	625	Bracket Arm, 12'	1	EACH		
127	625	Bracket Arm, 18'	1	EACH		
128	625	Bracket Arm, 20'	1	EACH		
129	625	Ground Rod	50	EACH		
130	625	Connection, Fused Pull Apart	69	EACH		
131	625	Connection, Unfused Pull Apart	35	EACH		
132	625	Trench	132	L.F.		
133	625	Trench, 24" Deep	1705	L.F.		
134	625	Trench for Fiber Optic Cable, As Per Plan	2176	L.F.		
135	625	Trench in Paved Area, Type B	757	L.F.		
136	625	Plastic Caution Tape	6397	L.F.		
137	625	Conduit, 2", 713.07	3212	L.F.		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
138	625	Conduit, 3", 713.04	422	L.F.		
139	625	Conduit, 3", 713.07	2792	L.F.		
140	625	Conduit, 4", 713.04	293	L.F.		
141	625	No. 4 AWG, 600 Volt Distribution Cable	20865	L.F.		
142	625	No. 3 AWG, 600 Volt Distribution Cable	150	L.F.		
143	625	No. 10 AWG, Pole and Bracket Cable	1628	L.F.		
144	625	Power Service, As Per Plan	1	Lump		
145	626	Geotextile Fabric, Type D, As Directed	14437	S.Y.		
146	629	Street Name Sign Assembly	10	EACH		
147	630	Ground Mounted Supports, #2 Post, As Per Plan	454	L.F.		
148	630	Ground Mounted Supports, #3 Post, As Per Plan	307	L.F.		
149	630	Sign Hanger Assembly, Mast Arm	8	EACH		
150	630	Signs, Flat Sheet	325	S.F.		
151	630	Signs, Flat Sheet, As Per Plan	8	S.F.		
152	630	Removal of Ground Mounted Post Support	25	EACH		
153	630	Traffic Sign Removed	58	EACH		
154	632	Vehicular Signal Head, 3-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	15	EACH		
155	632	Vehicular Signal Head, 5-Section, 12 inch Lens, 1-Way, Polycarbonate, As Per Plan	8	EACH		
156	632	Pedestrian Signal Head (LED), (Countdown), Type D2	10	EACH		
157	632	Pedestrian Pushbutton, As Per Plan	10	EACH		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
158	632	Pull box, 24"x36"x18" Reinforced Polymer Concrete	18	EACH		
159	632	Pull box, 30"x48"x18" Reinforced Polymer Concrete	2	EACH		
160	632	Signal Support Foundation	8	EACH		
161	632	Pedestal Foundation	1	EACH		
162	632	Signal Support, Type TC- 81.21, Design 2	2	EACH		
163	632	Signal Support, Type TC- 81.21, Design 4	1	EACH		
164	632	Signal Support, Type TC- 81.21, Design 12	1	EACH		
165	632	Combination Signal Support, Type TC- 81.21, Design 1	1	EACH		
166	632	Combination Signal Support, Type TC- 81.21, Design 2	1	EACH		
167	632	Combination Signal Support, Type TC- 81.21, Design 3	1	EACH		
168	632	Combination Signal Support, Type TC- 81.21, Design 4	1	EACH		
169	632	Combination Signal Support, Type TC- 81.21, Design 11	1	EACH		
170	632	Combination Signal Support, Type TC-81.21, Design 4 Pole, With Mast Arms TC-81.21 Design 3 and Design 3	1	EACH		
171	632	Pedestal, 8', Transformer Base	2	EACH		
172	632	Signal Cable, 5-Conductor No. 14 AWG	1795	L.F.		
173	632	Signal Cable, 7-Conductor No. 14 AWG	2445	L.F.		
174	632	Loop Detector Lead-in Cable	1560	L.F.		
175	632	Power Service, As Per Plan	3	EACH		
176	632	Removal of Traffic Signal Installation	1	EACH		
177	632	Signalization, Misc.: Video Detection System, As Per Plan	3	EACH		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
178	632	Interconnect Cable Misc.: Drop Cable, 6 Fiber	144	L.F.		
179	632	Interconnect Misc.: Trunk Cable, 6 Fiber	2784	L.F.		
180	632	Interconnect Misc.: Fan-Out Kit, 6 Fiber	3	EACH		
181	632	Interconnect Misc.: Fiber Optic Patch Cord, 4 Fiber	3	EACH		
182	632	Interconnect Misc.: Fusion Splice	24	EACH		
183	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial)	4	EACH		
184	632	Interconnect Misc.: Termination Panel, Controller Cabinet	3	EACH		
185	632	Interconnect Misc.: Fiber Optic Connector	3	EACH		
186	632	Interconnect Misc.: Slack Installation	250	L.F.		
187	632	Interconnect Misc.: Fiber Optic Cable Testing	1	Lump		
188	632	Signalization Misc.: Traffic Manhole	1	EACH		
189	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan	3	EACH		
190	633	Cabinet Foundation	2	EACH		
191	633	Controller Work Pad	3	EACH		
192	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan	3	EACH		
193	633	Uninterruptible Power Supply (UPS), 1000 Watt	3	EACH		
194	633	Controller Misc.: Fiber Optic Ethernet Transceiver, As Per Plan	3	EACH		
195	633	Controller Misc.: Central System Expansion, As Per Plan	1	Lump		
196	633	Signalization Miscellaneous Equipment, As Per Plan	1	Lump		
197	653	Topsoil Furnished & Placed, 4" Thick	9240	S.Y.		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

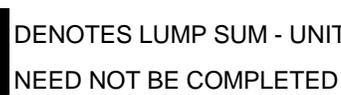
REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
198	659	Lawn Seeding and Mulching	7285	S.Y.		
199	659	Restoration Corridor Seeding and Mulching, As Per Plan	1955	S.Y.		
200	662	Planting Shrubs, 3 Gallon, As Per Plan	175	EACH		
201	663	Tree Planting, 1 Inch - 1.25 Inch Caliper, As Per Plan	20	EACH		
202	663	Tree Planting, 1.5 Inch - 2 Inch Caliper, As Per Plan	65	EACH		
203	664	Planting Salvaged Plants, As Per Plan	1	L.S.		
204	832	ODOT Item 832 - Erosion Control	65000	EACH	1	\$65,000.00
205	832	ODOT Item 832 - Storm Water Pollution Prevention Plan	1	LUMP		
206	Special	8 Inch Sanitary Sewer Cured in Place Pipe	919	L.F.		
207	Special	10 Inch Sanitary Sewer Cured in Place Pipe	495	L.F.		
208	Special	12 Inch Sanitary Sewer Cured in Place Pipe	665	L.F.		
209	Special	Private Water Vault Relocated	1	L.S.		
210	Special	Decorative Concrete Walk, 6" Thick (Brick Red Color)	9678	S.F.		
211	Special	Environmental Remediation	1	Allow	\$50,000.00	\$50,000.00
212	Special	Work Involving Regulated Water	1	Allow	\$50,000.00	\$50,000.00
UNOFFICIAL CONSTRUCTION COST :						
ALTERNATE #1-16						
1	621	Edge Lines - Alternate Bid	731	L.F.		
2	621	Lane Lines, 4 inch - Alternate Bid	164	L.F.		
3	621	Center Lines - Alternate Bid	5762	L.F.		

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
4	621	Channelizing Lines - Alternate Bid	1800	L.F.		
5	621	Stop Lines - Alternate Bid	242	L.F.		
6	621	Crosswalk Lines - Alternate Bid	712	L.F.		
7	621	Broad Transverse Lines - Alternate Bid	836	L.F.		
8	621	Island Marking - Alternate Bid	188	S.F.		
9	621	Lane Arrows - Alternate Bid	33	EACH		
10	632	Power Service, As Per Plan - Alternate Bid	3	EACH		
11	632	Signalization, Misc.: Video Detection System, As Per Plan - Alternate Bid	3	EACH		
12	632	Interconnect Misc.: Splice Enclosure (Under Grade or Aerial) - Alternate Bid	4	EACH		
13	632	Interconnect Misc.: Termination Panel, Controller Cabinet - Alternate Bid	3	EACH		
14	633	Controller, Misc.: Signal Controller With Cabinet, As Per Plan - Alternate Bid	3	EACH		
15	633	Controller Item, Misc.: Preemption, Emergency, As Per Plan - Alternate Bid	3	EACH		
16	633	Uninterruptible Power Supply (UPS), 1000 Watt - Alternate Bid	3	EACH		

UNOFFICIAL CONSTRUCTION COST ALT. #1-16

PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.

 DENOTES LUMP SUM - UNIT PRICE
 NEED NOT BE COMPLETED

BIDDING SCHEDULE CONTINUED ON NEXT PAGE

BIDDING SCHEDULE FOR: Englewood Avenue PID 84396

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT	(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
-------------	-------------	--------------------	--------------------------------	--	--

Alternate Bid Reference #1, if awarded, will replace Base Bid Reference #105
 Alternate Bid Reference #2, if awarded, will replace Base Bid Reference #106
 Alternate Bid Reference #3, if awarded, will replace Base Bid Reference #107
 Alternate Bid Reference #4, if awarded, will replace Base Bid Reference #108
 Alternate Bid Reference #5, if awarded, will replace Base Bid Reference #109
 Alternate Bid Reference #6, if awarded, will replace Base Bid Reference #110
 Alternate Bid Reference #7, if awarded, will replace Base Bid Reference #111
 Alternate Bid Reference #8, if awarded, will replace Base Bid Reference #112
 Alternate Bid Reference #9, if awarded, will replace Base Bid Reference #113
 Alternate Bid Reference #10, if awarded, will replace Base Bid Reference #175
 Alternate Bid Reference #11, if awarded, will replace Base Bid Reference #177
 Alternate Bid Reference #12, if awarded, will replace Base Bid Reference #183
 Alternate Bid Reference #13, if awarded, will replace Base Bid Reference #184
 Alternate Bid Reference #14, if awarded, will replace Base Bid Reference #189
 Alternate Bid Reference #15, if awarded, will replace Base Bid Reference #192
 Alternate Bid Reference #16, if awarded, will replace Base Bid Reference #193

BIDDING SCHEDULE ACKNOWLEDGEMENT SHEET ON NEXT PAGE

**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							

**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							
68							
69							
70							
71							
72							
73							
74							
75							
76							
77							
78							
79							
80							
81							
82							
83							
84							
85							
86							
87							
88							
89							
90							
91							
92							
93							
94							
95							
96							

**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
97							
98							
99							
100							
101							
102							
103							
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
121							
122							
123							
124							
125							

This is to certify that the work as listed above has been completed in accordance with the contract documents, that all items are paid for which previous certificates for payment were issued and payments received, and that the current payment is now due.

TOTAL COMPLETED TO DATE _____
 STORED MATERIALS _____
 TOTAL COMPLETED & STORED _____
 LESS _____ RETAINAGE _____
 TOTAL EARNED LESS RETAINAGE _____
 LESS PREVIOUS PAYMENTS _____
 LESS ADDITIONAL DEDUCTIONS _____
 CURRENT PAYMENT DUE _____

CONTRACTOR: _____

BY: _____ APPROVED: _____
CONSTRUCTION ENGINEER

CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE

ESTIMATE NO. _____ PROJECT _____
DATE _____ CONTRACTOR _____
CODE _____
FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
----------	----------	-------------	-------------------	------	-----------------	------------	------------------

DATE: _____

PAYROLLS REVIEWED/QUANTITIES CHECKED BY:

PROJECT MANAGER

APPROVED: _____

CITY ENGINEER

DATE: _____